FILE NOTATIONS

Entered in NID File ..... ✓
Location Map Pinned ..... ✓
Card Indexed ..... ✓

Checked by Chief PWB....
Approval Letter 10-31-72
Disapproval Letter .....

COMPLETION DATA:
Date Well Completed 11-14-72
Location Inspected .....

W..... WW..... TA.....
GW..... OS..... PA.....

Bond released
State or Fee Land .....

LOGS FILED

Driller's Log.....
Electric Logs (No.) ..... ✓

E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well
Oil Well [X] Gas Well [ ] Other Single Zone [X] Multiple Zone [ ]

2. Name of Operator: Shell Oil Company (Rocky Mtn Div. Production) Walter Duncan

3. Address of Operator: 1700 Broadway, Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 1929' FNL and 1358' FEL Sec 10 NE SW NE
At proposed prod. zone

5. Lease Designation and Serial No.: Patented

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name: Tew

9. Well No.: 1-10B5

10. Field and Pool, or Wildcat: Altamont Dev.

11. Sec., T., R., M., or Blk. and Survey or Area: SW/4 NE/4 Section 10-T 2S-R 5W

12. County or Parrish: Duchesne 13. State: Utah

14. Distance in miles and direction from nearest town or post office*: One mile south of Talmage

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 609' from property and lease line

16. No. of acres in lease: 320

17. No. of acres assigned to this well: 640

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: No other wells on lease

19. Proposed depth: 15,200'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 6933 GL (Ungraded)

22. Approx. date work will start*: Soon

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17½"	13 3/8"		300'	Circ to sfc
12¼"	9 5/8"		7,000'	Btm 2,000' and sqz cmt - 13 3/8" x 9 5/8" annulus
8 3/4"	7"			Btm 2,000'
6 1/8"	5" liner		12,200-15,200'	Circ entire liner

139.3/134-4 OK

As per attached survey plat

Need [illegible] data

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed [signature] Title Division Engineering Manager Date October 25, 1972

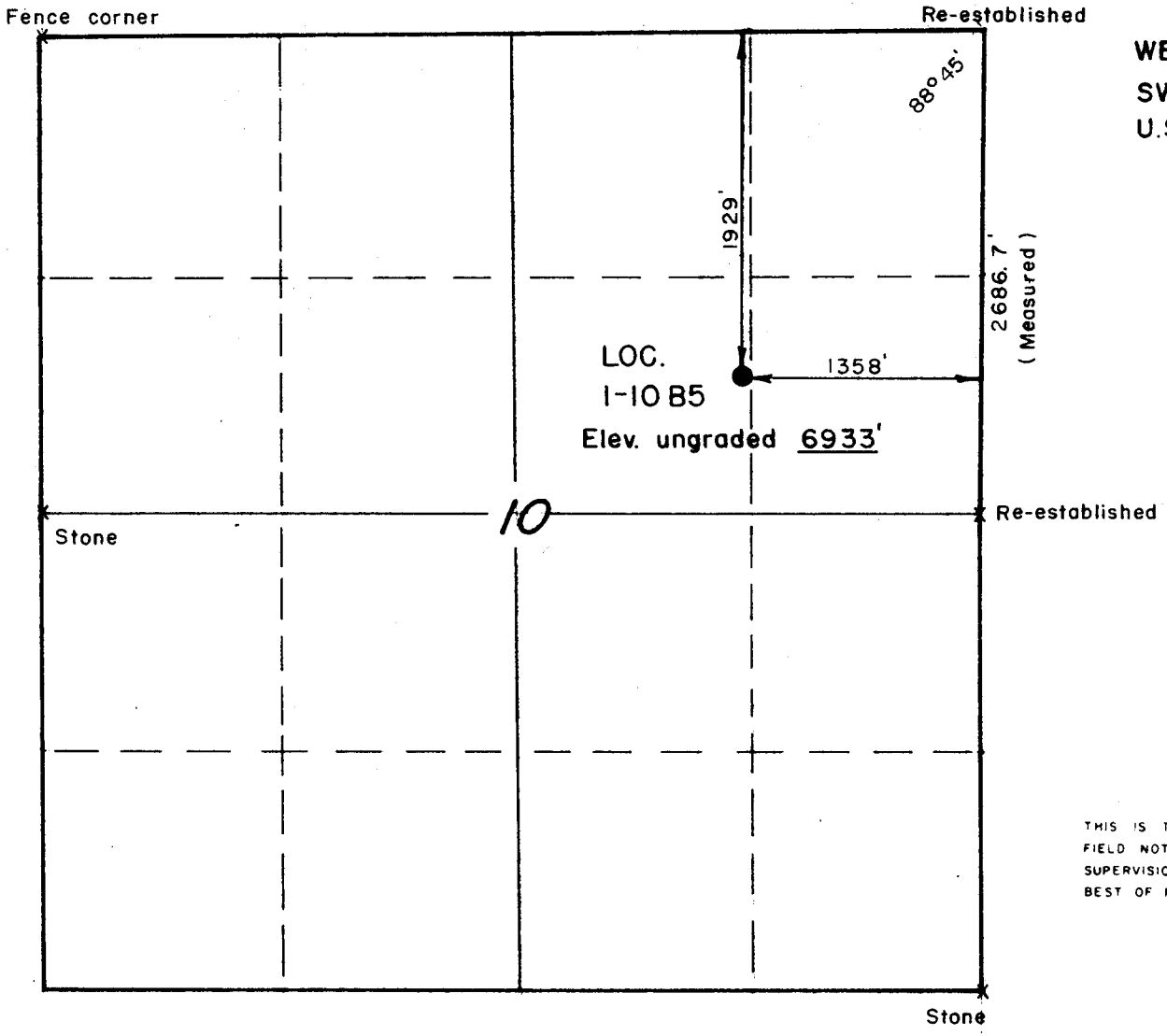
(This space for Federal or State office use)

Permit No. 43-013-30178 Approval Date

Approved by Title Date
Conditions of approval, if any:

*See Instructions On Reverse Side

T 2 S, R 5 W, U.S.B.&M



PROJECT

SHELL OIL COMPANY

WELL LOCATION AS SHOWN IN THE SW1/4 NE 1/4, SECTION 10, T 2 S, R 5 W, U.S.B. & M. DUCHESNE COUNTY, UTAH.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dave Stewart

REGISTERED LAND SURVEYOR
REGISTRATION Nº 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q – 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7 Sept. 1972
PARTY GS-HM-BR	REFERENCES GLO Township Plat
WEATHER Overcast & Cool	FILE SHELL OIL

October 31, 1972

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No's:
Shell-Duncan-Tew #1-10B5,
Sec. 10, T. 2 S, R. 5 W,
Shell-Duncan-Ute #1-28B5,
Sec. 28, T. 2 S, R. 5 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 139-3/139-4, dated June 24, 1971. At your convenience, it would be appreciated if you would forward written notification as to the type of blowout prevention equipment and mud monitoring equipment to be installed on said wells.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API numbers assigned to these wells are: #1-10B5 - 43-013-30178; and #1-28B5 - 43-013-30179.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

November 21, 1972

Subject: BOP Equipment and Mud Monitoring Equipment To Be Used on Wells

Shell-Duncan-Tew 1-10B5
SW/4 NE/4 Section 10-T2S-R5W

Shell-Duncan-Ute 1-28B5
NW/4 NE/4 Section 28-T2S-R5W

Shell-Gulf-Myrin Ranch 1-13B4
NE/4 NE/4 Section 13-T2S-R4W

All in Altamont Field
Duchesne County, Utah

State of Utah
Oil and Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah 84116

Attention Mr. Cleon Feight, Director

Gentlemen:

In reply to your request regarding specific information on BOP and mud monitoring equipment, we submit the following on each of the above wells.

Mud System Monitoring Equipment

Equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing intermediate string or upon reaching a depth at which high pressures could occur.

BOP Equipment

300-7,000' - Rotating head
7,000'-TD - 3-ram type BOP's and 1 bag type
5,000# working pressure
Tested when installed. Operative every trip and tested to 5,000 psi every 14 days. All information recorded on Tour sheets and daily drilling wire.

Yours very truly,

K. R. Gordon

For: N. J. Isto
Division Production Manager
Rocky Mountain Division

MKG:sp

Form OGCC-3

NOV 19 1973

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Tew

9. WELL NO.: 1-10B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SW/4 NE/4 Section 10-T 2S-R 5W

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Shell Oil Company (Rocky Mtn Div. Production)
W. Duncan

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1929' FNL and 1358' FEL Sec 10
At top prod. interval reported below
At total depth

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-30178	10-31-72	Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11-17-72	2-2-73	7-14-73	6933 GL, 6960 KB	30'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
14,326	14,316		→	Total	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Wasatch and Flagstaff perfs 12,334-14,285

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: BHCS-GR w/cal, CNL-FDC-GR, CBL, DIL-SP, Microsonic

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68#	301'	17½"	385 sx	0
9 5/8"	40#	7,000'	12¼"	397 sx	0
7"	26#	12,135'	8 3/4"	397 sx	0

29. LINER RECORD CF

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	11,905	14,325	1343	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*): As per attachments

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
7-14-73	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-22-73	24	12/64"		568	351	40	618

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1900	0		568	351	40	43.1°

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Used for fuel on lse, some sold to Mtn Fuel, & some flared

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: Well Log and History, Csg and Cmtg Details

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED K. R. Jordan TITLE Division Operations Engr. DATE Oct. 29, 1973

*(See Instructions and Spaces for Additional Data on Reverse Side)

Shell-Duncan-Tew 1-10B5
(D)
14,326' Wasatch Test
KB 6960'
5" liner @ 14,325'

TD 14,326. PB 14,316. Flowing. On 24-hr tests, flwd as follows:

Report

Date	BO	BW	MCF Gas	Chk	FTP	CP
7/21	895	56	421	12/64"	2000	0
7/22	564	119	379	12/64"	2000	0

7/23: OIL WELL COMPLETE. On 24-hr test 7/22, flwd 568 BO, 40 BW and 351 MCF gas on 12/64" chk w/1900 psi FTP and zero CP from Wasatch and Flagstaff perfs 12,334, 12,360, 12,495, 12,502, 12,512, 12,545, 12,685, 12,704, 12,734, 12,743, 12,940, 13,282, 13,300, 13,355, 13,360, 13,398, 13,440, 13,444, 13,478, 13,548, 13,696, 13,863, 13,894, 13,908, 13,923, 13,941, 13,966, 14,009, 14,127, 14,285.

JUL 23 1973

Oil Gravity: 43.1° API @ 60°F.

Compl Test Date: 7/22/73. Initial Prod Date: 7/14/73.

Elev: 6933 GL, 6960 KB.

Log Tops:

TGR_3	10,035 (-3075)
UPPER WASATCH TRANSITION	11,490 (-4530)
LOWER WASATCH TRANSITION	12,760 (-5800)
FLAGSTAFF	13,575 (-6615)

This well was drilled for routine development.

FINAL REPORT.

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number: Shell-Duncan-Tew 1-10B5

Operator: Shell Oil Company (Rocky Mountain Division Production)

Address: 1700 Broadway, Denver, Colorado 80202

Contractor: Brinkerhoff Drilling Company

Address: 600 Denver Club Building, Denver, Colorado 80202

Location SW 1/4, NE 1/4, Sec. 10, T. 2 ~~N~~ S, R. 5 ~~E~~ W, Duchesne County.

Water Sands:

	Depth: From -	To -	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.	No sands tested or evaluated and no water flow encountered			
2.	(GR from 300'-TD)			
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

SHELL OIL CO.
RM-62 (Rev. 8-72)

CASING AND CEMENTING

Field Altamont Well Tew 1-10B5

Job: 9 5/8 " O.D. Casing/~~Liner~~ Ran to 7,000 feet (KB) on 12-9, 1972

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB CHF	30.18
169	40#	K-55	ST&C	X	6882.63	CHF 30.18	6912.81
		Halco Float Collar		X	2.30	6912.81	6915.11
2	40#	K-55	ST&C	X	82.09	6915.11	6997.20
		Halco Float Shoe		X	2.80	6997.20	7000.00

171 jts (Total)

Casing Hardware:

Float shoe and collar type Halliburton differential

Centralizer type and product number B & W

Centralizers installed on the following joints 1, 3, 5

Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type _____. Caliper volume _____ ft^3 + excess over caliper _____ ft^3 + float collar to shoe volume _____ ft^3 + liner lap _____ ft^3 + cement above liner _____ ft^3 = _____ ft^3 (Total Volume).

Cement:

Preflush—Water in hole bbls, other _____ Volume _____ bbls

First stage, type and additives 191 sx BJ lite wt, .75% D-31. Tailed in w/206 sx Class "G", 1% D-31. Weight _____ lbs/gal, yield _____ ft^3/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Second stage, type and additives _____. Weight _____ lbs/gal, yield _____ ft^3/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

~~Rotate~~/reciprocate

Displacement rate 3 B/M

Percent returns during job None

Bumped plug at 4:45 ~~AM~~PM with 1000 psi. Bled back 1/2 bbls. Hung csg with 250,000 lbs on slips. (Indicated)

Remarks:

Cemented annulus between 9 5/8" and 13 3/8" csg w/300 sx Class "G" and 3% $CaCl_2$

Drilling Foreman C. W. Lofton

Date 12-10-72

CASING AND CEMENTING

FIELD ALTAMONT WELL TEW 1-10B5 KB TO CHF 28.50'

Shoe jt started in hole 9:30 PM 1-10-73

Ran 281 jts 7" OD 26# S-95 LT&C csg to 12,135'

JTS	WT	GRADE	LT&C	NEW	FEET	FROM	TO
			(KB to CHF)			0	28.50
278	26#	S-95	X	X	11,982.12	28.50	12,010.62
		7" HALCO Diff Float Collar			1.88	12,010.62	12,012.50
3	26#	S-95	X	X	120.10	12,012.50	12,132.60
		7" HALCO Shoe			2.40	12,132.60	12,135.00

281 jts Total Run (1 full jt laid down)

7" Halco Float Collar set at 12,010.62

7" Halco Shoe at 12,135.00

No., Make and Type

3 centralizers spaced 6', 80' and 160' from shoe

Cementing

Broke circ at 12 noon w/250 psi. Reciprocated and circ 2½ hrs. Pumped 20 bbls water ahead and cemented through shoe at 12,135' w/110 sx Class "G" cement, 10% gel, 121 sx Diamix w/.5% D-31 and 10% gel. Tailed in w/166 sx Class "G" Neat, 1% D-31, .1% R-5. Wt - 12.4#/gal. Mixing complete in 35 min. CIP and plug on btm 2:15 PM 1-11-73. Max and final press 1500 psi. Bled press to 0. Float eqpmt held ok. Lost returns while pumping plug down.

CASING AND CEMENTING

FIELD ALTAMONT WELL TEW 1-10B5 KB TO CHF --

Shoe jt started in hole 2-7-73

Ran 56 jts 5" 18# N-80 SFJ liner to 14,325'

JTS	WT	GRADE	SFJP	NEW	FEET	FROM	TO
56	18#	N-80	X	X	2409	11,905	14,325

56 jts Total

Float collar at 14,191

Float shoe at 14,325

No., Make and Type

8 centralizers - 1 5' above shoe every other jt

Cementing

Cemented w/5 bbls water ahead. Mixed 1343 cu ft Class "G" cem, 30% silica flour, 2% gel, 1½% D-31 (15# slurry). Mixed in 50 min. Plug 5 min, disp in 45 min at 3.5 B/M. Sheared wiper plug w/600 psi. Bumped plug w/2500 psi. Float held ok. Displaced w/120.5 bbls mud. CIP 11:10 PM.

Shell-Duncan-Tew 1-10B5
(D)
14,326' Wasatch Test
5" liner @ 14,325'

TD 14,326. PB 14,316. SI for BHP. MAR 20 1973

Shell-Duncan-Tew 1-10B5
(D)
14,326' Wasatch Test
5" liner @ 14,325'

TD 14,326. PB 14,316. SI, WO tank battery facilities. Pulled BHP bomb, making stops @ 13,200 and 12,800. ISIP 3472 psi. Press after bomb on btm 1½ hrs - 7921 psi; after 61 hrs - 8873 psi; after 71 hrs - 8864 psi. TP prior to pulling bomb 4840 psi. (RDUFA) MAR 21 1973

Shell-Duncan-Tew 1-10B5
(D)
14,326' Wasatch Test
5" liner @ 14,325'

TD 14,326. PB 14,316. (RRD 3/21/73). Flowing.
On 24-hr tests, well flwd as follows (first production):
Report

Date	BO	BW	MCF Gas	Chk	FTP	CP
7/15	891	4	435	10/64"	3500	0
7/16	701	13	351	10/64"	3100	0

JUL 16 1973

Shell-Duncan-Tew 1-10B5
(D)
14,326' Wasatch Test
KB 6960'
5" liner @ 14,325'

TD 14,326. PB 14,316. Flowing. On 24-hr test, flwd 570 BO, 26 BW and 351 MCF gas on 10/64" chk w/3000 psi FTP and zero CP.

JUL 17 1973

Shell-Duncan-Tew 1-10B5
(D)
14,326' Wasatch Test
KB 6960'
5" liner @ 14,325'

TD 14,326. PB 14,316. Flowing. On 24-hr test, flwd 495 BO, 31 BW and 281 MCF gas on 10/64" chk w/2700 psi FTP and zero CP.

JUL 18 1973

Shell-Duncan-Tew 1-10B5
(D)
14,326' Wasatch Test
KB 6960'
5" liner @ 14,325'

TD 14,326. PB 14,316. Flowing. On 24-hr test, flwd 423 BO, 21 BW and 253 MCF gas on 10/64" chk w/2000 psi FTP and zero CP.

JUL 19 1973

Shell-Duncan-Tew 1-10B5
(D)
14,326' Wasatch Test
KB 6960'
5" liner @ 14,325'

TD 14,326. PB 14,316. Flowing. On 24-hr test, flwd 485 BO, 94 BW and 481 MCF gas on 12/64" chk w/2000 psi FTP and zero CP.

JUL 20 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,326' Wasatch Test
5" liner @ 14,325'

2/17: 14,326/80/92/0. PB 14,316. Landing tbg. Displaced hole w/chem treated wtr. Stung into pkr and tested tbg to 7500 psi.
2/18: 14,326/80/93/0. PB 14,316. Cleaning mud pits. Landed and press tested tbg. Nippled down BOP stack. Installed 10,000# WH and tested same.
2/19: TD 14,326. PB 14,316. RDRT. Cleaned mud pits. Released rig @ 2 PM, 2/18/73. (RDUFA) FEB 19 1973

Shell-Duncan-Tew 1-10B5
(D)
14,326' Wasatch Test
5" liner @ 14,325'

TD 14,326. PB 14,316. (RRD 2/19/73) Prep to AT. RU B-J. Tested Xmas tree to 5000 psi. Press'd tbg to 3000 psi. RU Archer Reed. Knocked out Baker Model "B" plug in tbg and chased to PBTD. RD Archer Reed and B-J. RU OWP and perf'd one hole unidirectionally at each of the following intervals using magnetic decentralized 2" steel tube casing gun w/ JRC-DP Sidewinder charges: 14,285, 14,127, 14,009, 13,966, 13,941, 13,923, 13,908, 13,894, 13,863, 13,696, 13,548, 13,478, 13,444, 13,440, 13,398, 13,360, 13,355, 13,300, 13,282, 12,940, 12,743, 12,734, 12,704, 12,685, 12,545, 12,512, 12,502, 12,495, 12,360, 12,334. Press from 250-3000 psi. MAR 16 1973

Shell-Duncan-Tew 1-10B5
(D)
14,326' Wasatch Test
5" liner @ 14,325'

TD 14,326. PB 14,316.
3/17: Prep to flow to pit. RU B-J and AT gross perfs 12,334-14,285 w/32,000 gal 15% HCl. Evenly distributed thirty-two 7/8" x 1.2 gr ball sealers. Each 1000 gal acid contained 20# G-5, 3 gal C-15, 10 gal J-7 and 3 gal J-22. Flushed w/5000 gal FW w/each 1000 gal containing 165# NaCl and 20# G-5. Max press 9700 psi, avg 7000 psi, min 6000 psi. Max rate 7 B/M, avg 7 B/M, min 2 B/M. ISIP 4800 psi to 4600 psi in 5 min to 4500 psi in 10 min and remaining @ 4500 psi in 20 min. Good ball action. Breaks from 200 to 4000 psi.
3/18: Running 72-hr BHP. Flowed to pit on 64/64" chk for 5½ hrs. ISIP 4250 psi. Flowed est 590 BO, 260 BW w/GOR of 1200 w/press from 500 to 700 psi. Last hr, flowed est 150 BO, 20 BW w/GOR of 1200 on 64/64" chk w/ 700 psi FTP. Chks and press's as follows:

Choke	Press	Choke	Press
54/64"	700	14/64"	2000
44/64"	800	4/64"	2900
34/64"	1000	SITP	3000
24/64"	1300		

SI @ 2:15 PM. Pmpd in 4 bbls diesel. RU Cable to run 72-hr BHP. Set tandem bombs @ 13,000'. Press after bombs in hole @ 2:45 PM 3200 psi. MAR 19 1973
3/19: SI for BHP.

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,326' Wasatch Test
5" liner @ 14,325'

2/10: 14,326/80/85/0. Tripping in w/new bit. CO 7" csg to 11,300'. Top of 5" liner @ 11,905'.
Mud: (gradient .760) 14.5+ x 51 x 6.8
2/11: 14,326/80/86/0. RU and picking up 2-7/8" SHDP. CO cmt to top of liner @ 11,905. Tested liner lap to 1100 psi for 15 min, OK. Washed to btm.
Mud: (gradient .760) 14.6+ x 46 x 10.2
2/12: 14,326/80/87/0. Tripping out. Picked up 3-1/8" DC and 2-7/8" DP. DO liner hanger, FC @ 14,191 and cmt to 14,316. Tested 5" liner to 1100 psi, OK. Circ 2½ hrs.
Mud: (gradient .760) 14.6 x 45 x 10.8 FEB 12 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,326' Wasatch Test
5" liner @ 14,325'

14,326/80/88/0. PB 14,316. Tripping in. Ran 7" RTTS tool to 11,800. Displaced mud w/wtr to 10,000'. Bled back 3320 psi - no flow back. Set tool @ 8800' and tested annulus to 2000 psi for 15 min. Set tool @ 5900' and tested to 3000 psi for 15 min. Set tool @ 2900' and tested to 4000 psi for 15 min. FEB 13 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,326' Wasatch Test
5" liner @ 14,325'

14,326/80/89/0. Tripping out of hole. Circ FW w/full circ. Sptd 40 bbls 2% NaCl wtr on btm and started out of hole to log. FEB 14 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,326' Wasatch Test
5" liner @ 14,325'

14,326/80/90/0. PB 14,316. Laying down DP. Ran GR from 11,500-14,304 and CBL from 9500-14,304. Set Baker pkr @ 11,800. FEB 15 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,326' Wasatch Test
5" liner @ 14,325'

14,326/80/91/0. PB 14,316. RU to run tbg. Laid down 3½" DP and 2-7/8" DP and DC's. Ran 109 jts 5½", 14# heat string (4465'), landing on donut w/BPV in place. Picked up BOP, installed tbg hd and adapter spool and tested tbg spool to 5000 psi. FEB 16 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

14,321/80/77/86. Drilling. Circ @ 11,400. CO bridges and circ @ 13,000. Washed to btm. Background gas: 30 units. Connection gas: 157 units. Trip gas: 490 units. Lost 200 bbls mud last 24 hrs.
Mud: (gradient .760) 14.6 x 43 x 9.8 (10% LCM) FEB 2 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

2/3: 14,326/80/78/5. Tripping in w/new bit. Ran DIL from 14,326-12,135. CNL/FDC log stopped @ 14,060. Background gas: 60 units. Connection gas: 120 units.
Mud: (gradient .760) 14.6 x 47 x 7.8 (6% LCM)
2/4: 14,326/80/79/0. Logging. Ran CNL/FDC to 14,326 - tool failed. Ran BHCS to 14,305 - hole tight, log not good. Trip gas: 490 units. Background gas: 120 units.
Mud: (gradient .760) 14.6 x 46 x 6.6 (9#/bbl LCM)
2/5: 14,326/80/80/0. Tripping out. Ran CBL in 7" csg. Cond mud 6 hrs and reamed from 14,000-14,326.
Mud: (gradient .760) 14.6 x 48 x 7.0 (6#/bbl LCM) FEB 5 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

14,326/80/81/0. Tripping out. Ran CNL/FDC from 12,135-14,326. Background gas: 110 units. Trip gas: 480 units. FEB 6 1973
Mud: (gradient .760) 14.6 x 48 x 6.8 (6#/bbl LCM)

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
5" liner @ 14,325'

14,326/80/82/0. WOC. Ran 56 jts 5", 18#, N-80, SFJ liner w/shoe @ 14,325, fillup collar @ 14,191 and top of Burns plain hanger @ 11,905. Cmtd w/5 BW ahead, followed by 1343 cu ft Class "G" w/30% silica flour, 2% gel and 1.5% D-31 (slurry 15 ppg). Displaced w/ 120.5 bbls mud. Bumped plug w/2500 psi, float held. CIP @ 11:10 PM, 2/6. Pipe pulled dry. FEB 7 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
5" liner @ 14,325'

14,326/80/83/0. Drilling cmt. Laid down 18 DC's and 18 jts 3½" DP. Went in hole hitting cmt in 7" csg @ 9783 and started CO same to 10,283.
Mud: (gradient .760) 14.6 x 44 x 9.2 FEB 8 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,326' Wasatch Test
5" liner @ 14,325'

14,326/80/84/0. Drilling cmt @ 10,600.
Mud: (gradient .760) 14.6 x 43 x 8 FEB 9 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

1/27: 13,755/80/71/110. Reaming. Lost partial returns from 13,713-13,716. Slugged hole w/75-sk LCM pill of hulls and mica. Lost 75 bbls mud. Hole tight on connection @ 13,755 - pulled 3 jts and reamed back to btm. Background gas: 90 units. Max gas: 400 units.
Mud: (gradient .762) 14.6+ x 42 x 9.2 (8% LCM)
1/28: 13,757/80/72/2. Inspecting DC's. Picked up to make connection - box on swivel broken. Dropped drill string approx 30'. Laid down bad swivel. Magnafluxed 4 subs. Circ and cond hole. Incr mud wt to 14.7 ppg w/gas dropping. Pulled out of hole and laid down 14 bent jts of DP.
Mud: (gradient .765) 14.7 x 48 x 8.9 (6% LCM)
1/29: 13,775/80/73/18. Drilling. Magnafluxed DC's, laying down 9 total - 5 w/cracked boxes. Picked up 13 DC's and jars and went in hole, reaming 90' to btm. Background gas: 200 units. Trip gas: 1160 units.
Mud: (gradient .765) 14.6 x 46 x 9 (5% LCM) JAN 29 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

13,900/80/74/125. Drilling. Mixed and sptd LCM pill @ 13,898. Pulled 40 stds, circ up and built mud vol. Staged in, DO bridge @ 13,720. Ran to btm w/full returns. Background gas: 60 units. Connection gas: 220 units. Lost 300 bbls mud @ 13,900.
Mud: (gradient .765) 14.6+ x 43 x 9.2 (8% LCM) JAN 30 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

14,130/80/75/230. Drilling. Washed and reamed to btm. Background gas: 75 units. Connection gas: 98 units. Trip gas: 600 units.
Mud: (gradient .765) 14.7 x 45 x 8.8 (8% LCM) JAN 31 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

14,235/80/76/105. Circ. Lost circ @ 14,235. Mixed and sptd 3 LCM pills, pulled 33 stds and circ. Lost 550 bbls mud last 24 hrs. Background gas: 120 units. Connection gas: 300 units. FEB 1 1973
Mud: (gradient .760) 14.6+ x 46 x 9.4 (8#/bbl LCM)

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

12,698/80/63/133. Drilling. Background gas: 15 units. Connection gas: 25 units.
Mud: (gradient .590) 11.4 x 44 x 7.4 JAN 19 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

1/20: 12,826/80/64/128. Tripping for bit. Background gas: 40 units. Connection gas: 40 units.
Mud: (gradient .615) 11.8+ x 42 x 7
1/21: 12,960/80/65/134. Drilling. Background gas: 15 units. Trip gas: 240 units. Connection gas: 20 units.
Mud: (gradient .642) 12.3+ x 42 x 8.2
1/22: 13,162/80/66/202. Drilling. Gas show of 500 units @ 13,123. Background gas prior to show: 40 units - after show: 140 units. Connection gas: 370 units.
Mud: (gradient .695) 13.4+ x 42 x 7.8 JAN 22 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

13,335/80/67/173. Drilling. Background gas: 100 units. Connection gas: 340 units. JAN 23 1973
Mud: (gradient .730) 14.1+ x 45 x 8.6

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

13,407/80/68/72. Washing @ 13,225. Tripped for bit @ 13,407'. Hit tight spot @ 13,119 while running in hole. Reamed and washed to btm. Background gas: 50 units. Connection gas: 200 units. Max gas: 400 units. JAN 24 1973
Mud: (gradient .735) 14.2 x 43 x 9.2 (2#/bbl LCM)

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

13,500/80/69/93. Drilling. Finished washing and reaming from 13,225-13,407. Had tight hole while drilling @ 13,451. Pulled to 13,350 and reamed back to btm. Max gas: 322 units. Background gas: 20 units. Connection gas: 120 units. Lost 175 bbls mud.
Mud: (gradient .760) 14.5+ x 46 x 8.8 (5% LCM) JAN 25 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
14,400' Wasatch Test
7" csg @ 12,135'

13,645/80/70/145. Drilling. Lost partial returns @ 13,631. Slugged hole w/LCM pill and regained full circ in 2 hrs. Lost 125 bbls mud @ 13,631. Background gas: 50 units. Max gas: 90 units. JAN 26 1973
Mud: (gradient .760) 14.6+ x 43 x 9.0 (8% LCM)

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

12,143/80/55/0. Running 7" csg. Circ and cond hole 4½ hrs prior to running 240 jts csg.
Mud: (gradient .515) 9.9 x 42 x 8.2 (12% LCM) JAN 11 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
7" csg @ 12,135'

12,143/80/56/0. Nippling up BOP's. Ran 281 jts (12,154') 7" OD, 26# S-95, LT&C csg w/shoe @ 12,135 and FC @ 12,012. Cmtd w/110 sx Class "G" cmt and 121 sx Diamix w/0.5% D-31 and 10% gel. Tailed in w/166 sx Class "G" neat w/1% D-31 and 0.1% R-5. CIP and plug on btm @ 2:15 PM, 1/11/73. Max and final press 1500 psi. Bled press to zero. Float eqmt held OK. Lost returns while pumping plug down. Reciprocated pipe. Nippled down, cut csg, set slips, installed csg hd and tested X-gland to 2500 psi. Started nippling up BOP's. JAN 12 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
7" csg @ 12,135'

1/13: 12,143/80/57/0. RU to pick up DP. Finished nippling up BOP's and tested Hydril to 3000 psi and remainder of stack to 5000 psi.
1/14: 12,143/80/58/0. Drilling cmt. Picked up DC's and 3½" DP. Drld FC and cmt.
Mud: (gradient .515) 9.9 x 40 x 12.2
1/15: 12,190/80/59/47. Drilling. Tested csg to 3500 psi, OK. Drld cmt and shoe. Tripped for bit @ 12,151. Background gas: 30 units. Connection gas: 40 units.
Mud: (gradient .525) 10.1+ x 44 x 10.2 JAN 15 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
7" csg @ 12,135'

12,310/80/60/120. Drilling. Background gas: 25 units. Connection gas: 30 units.
Mud: (gradient .540) 10.4+ x 42 x 7.6 JAN 16 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
7" csg @ 12,135'

12,438/80/61/128. Tripping for new bit. No mud loss.
Mud: (gradient .550) 10.6 x 43 x 8.2 JAN 17 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
7" csg @ 12,135'

12,565/80/62/127. Drilling. Background gas: 10 units. Trip gas: 300 units.
Mud: (gradient .570) 11 x 43 x 7.0 JAN 18 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

11,834/80/47/21. Building mud vol and LCM. Tripped for bit @ 11,824.
Mud: (gradient .510) 9.8 x 40 x 10.2 (20% LCM) JAN 3 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

11,918/80/48/84. Drilling. Tripped in w/new bit, washing to btm.
Mud: (gradient .515) 9.9 x 45 x 9.8 (17% LCM) JAN 4 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

12,014/80/49/96. Drilling. Background gas: 20 units. Connection gas: 35 units. Lost 325 bbls mud last 24 hrs.
Mud: (gradient .520) 10.0 x 44 x 10.2 (8#/bbl LCM)
JAN 5 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

1/6: 12,056/80/50/42. Staging back to btm. Lost circ @ 12,056. Mixed and sptd LCM pill. Pulled to shoe and mixed mud vol. Lost 300 bbls mud.
Mud: (gradient .525) 10.1 x 42 x 12.0 (10#/bbl LCM)
1/7: 12,125/80/51/69. Drilling. Finished staging to btm. Lost 475 bbls mud. Background gas: 25 units. Connection gas: 35 units.
Mud: (gradient .515) 8.9 x 42 x 8.8 (12% LCM) JAN 8 1973
1/8: 12,143/80/52/18. Logging. Made 20 std wiper trip and circ hole for logs. Lost 750 bbls mud from 12,092-12,134.
Mud: (gradient .515) 9.9 x 11.3 x 8.2 (12#/bbl LCM)

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

12,143/80/53/0. Tripping in to clean hole prior to running 7" csg. Ran logs as follows: BHCS-GR w/cal from 12,130 to 300; FDC-CNL-GR from 12,130 to 9800; DIL-SP from 12,130 to 6992.
Mud: (gradient .515) 9.9 x 42 x 8 JAN 9 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

12,143/80/54/0. Circ and cond @ TD prior to running csg. Staged in hole @ 3,000, 5,000, 7,000, 8,000, 9,000, 10,000 and 11,000. Reamed 150' to btm due to tight hole and bridges. No mud loss.
Mud: (gradient .515) 9.9 x 42 x 8.2 (8#/bbl LCM) JAN 10 1973

Shell-Duncan Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

12/23: 10,360/80/36/332. Drilling. Dev: 2¼° @ 10,296'. Tripped for bit and jars @ 10,296. Reamed 40' to btm.
Mud: Wtr
12/24: 10,783/80/37/423. Tripping in hole w/new bit. Tripped for wash out, changing bit @ 10,783.
Mud: Wtr
12/25: 11,150/80/38/367. Drilling, losing mud. Finished tripping in hole, dropped ball and reamed 40' to btm. Started mudding up @ 10,750.
Mud: (gradient .455) 8.8 x 33 x 28.2
12/26: 11,275/80/39/125. Tripping in w/bit and BHA. Drld 9 hrs, losing mud. Mixed mud and LCM. Lost circ w/10-70% returns. Pulled out of hole and checked for wash out - 2 jets washed out. Lost 800+ bbls mud.
Mud: 9.2 x 42 x 22.2 (6#/bbl LCM) DEC 2 6 1972

Shell-Duncan Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

11,390/80/40/115. Drilling. Finished tripping in w/bit to show. Built mud vol and tripped to 9300'. Circ and mixed mud. Circ 2¼ hrs and resumed drlg. Lost 800 bbls mud last 24 hrs.
Mud: (gradient .480) 9.2 x 40 x 18.6 (3#/bbl LCM) DEC 2 7 1972

Shell-Duncan Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

11,588/80/41/198. Tripping for bit. Lost 65 bbls mud while drlg @ 11,425. Circ 575 units gas @ 11,555.
Mud: (gradient .480) 9.2 x 39 x 16.2 (6% LCM) DEC 2 8 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

11,658/80/42/70. Drilling. Dev: 2° @ 11,588. Had 25 bbl pit incr from 11,608-11,635 w/show incr 20%. Lost 580 bbls mud. SI well w/9.4 ppg mud in DP. Built mud wt to 9.5 ppg. No recorded press - 1000 psi on DP and zero on annulus. Mud cutting from 9.5 to 9.0 ppg.
Mud: (gradient .480) 9.5 x 40 x 12.6 (13% LCM) DEC 2 9 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

12/30: 11,709/80/43/51. Tripping for mill. Lost 1050 bbls mud last 24 hrs. Lost 3 cones off bit.
Mud: (gradient .495) 9.5+ x 40 x 12.2 (13% LCM)
12/31: 11,711/80/44/2. Tripping in w/magnet. Ran 8-5/8" jk mill and milled on 3 cones, making 2' of hole. Tripped out and started in w/magnet.
Mud: (gradient .495) 9.5+ x 41 x 12.8 (8% LCM)
1/1: 11,725/80/45/14. Tripping. Tripped out with magnet, rec'g 3 pcs of cone. Ran in w/milled tooth bit and drld on jk , drlg to 11,725. No mud loss.
Mud: (gradient .500) 9.6 x 38 x 12.0 (6% LCM)
1/2: 11,813/80/46/88. Drilling.
Mud: (gradient .500) 9.6+ x 38 x 14.2 (8% LCM) JAN 2 1973

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

7000/80/26/0. Picking up DC's and going in hole. Tested BOP's to 5000 psi and Hydril to 3000 psi. DEC 1 3 1972
Mud: Wtr in csg

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

7095/80/27/95. Drilling. Finished tripping in hole. Tested csg to 2000 psi. DO FC, cmt and shoe.
Mud: Wtr DEC 1 4 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9 5/8" csg at 7000'

7302/80/28/207 Drilling. Reamed from 7000-7132 w/new stabilizer. Worked on water pump. DEC 1 5 1972
Mud: Water

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

12/16: 7715/80/29/413. Drilling.
12/17: 7851/80/30/136. Drilling. Dev: 1½° @ 7851. Reamed to btm.
12/18: 8351/80/31/500. Tripping for new bit. Washed to btm. Mud: Wtr DEC 1 8 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

8674/80/32/323. Drilling. Tripped in w/new bit.
Mud: Wtr DEC 1 9 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

8956/80/33/282. Drilling. Dev: 3/4° @ 8890.
Mud: Wtr DEC 2 0 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

9419/80/34/463. Drilling.
Mud: Wtr DEC 2 1 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

10,028/80/35/609. Drilling. DEC 2 2 1972
Mud: Wtr

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13-3/8" csg @ 301'

6325/80/18/207. Drilling. Dev: 3/4° @ 6177.
Mud: Aerated wtr DEC 5 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13-3/8" csg @ 301'

6491/80/19/166. Drilling. Tripped for bit @ 6345.
Mud: Aerated wtr DEC 7 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13-3/8" csg @ 301'

6800/80/20/309. Drilling. DEC 7 1972
Mud: Aerated wtr

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13 3/8" csg at 301'

7000/80/21/200 Tripping. Worked on fuel pump and thawed out lines.
Mud: Air and wtr DEC 8 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

12/9: 7000/80/22/0. Running 9-5/8" csg. Circ 3 hrs. Pulled wear bushing. Ran in w/monel. Ran Eastman multi shot survey from 7000-304'.
Mud: Aerated wtr
12/10: 7000/80/23/0. Nippling up. Ran 171 jts (7030') 9-5/8" OD 40# K-55 ST&C csg to 7000' w/FC @ 6913. Cmtd w/191 sx B-J Lightwt w/0.75% D-31. Tailed in w/206 sx Class "G" w/1% D-31. CIP and plug on btm @ 4:45 PM, 12/9. Max and final press 1000 psi. Tested x-gland bushing to 1200 psi.
Mud: Wtr in hole
12/11: 7000/80/24/0. Laying down DC's. Finished nippling up and laying down DC's. Sptd 300 sx Class "B" w/3% $CaCl_2$ between 9-5/8" x 13-3/8" - no press. DEC 11 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
9-5/8" csg @ 7000'

7000/80/25/0. Thawing out lines and testing BOP and lines. Finished laying down DC's, repaired swivel and started testing BOP stack. DEC 12 1972
Mud: Wtr in csg

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13-3/8" csg @ 301'

11/23: 1200/89/6/672. Drilling. Dev: 1/2° @ 751.
Losing wtr while drlg.
Mud: Aerated wtr
11/24: 1891/80/7/691. Drilling. Dev: 1/2° @ 1450.
Tripped for new bit @ 1476.
Mud: Aerated wtr
11/25: 2208/80/8/317. Drilling. Lost approx 3400 psi @ 2080. Tripped out of hole, leaving 10 DC's, 3 stabilizers and bit in hole. Ran in w/overshot w/ 7½" grapple and 11¼" skirt and engaged fish, tripped out w/same. Changed bit and tripped back in hole.
Losing wtr while drlg.
Mud: Aerated wtr-soap
11/26: 2836/80/9/628. Drilling.
Mud: Aerated wtr-soap
11/27: 3150/80/10/344. Drilling. Dev: 3/4° @ 2834'.
Made 30' SLC. Tripped for new bit. NOV 27 1972
Mud: Aerated wtr-soap

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13-3/8" csg @ 301'

3660/80/11/510. Drilling.
Mud: Aerated wtr-soap NOV 28 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13-3/8" csg @ 301'

4270/80/12/610. Drilling. Hole making some wtr.
Mud: Aerated wtr-soap NOV 29 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13-3/8" csg @ 301'

4650/80/13/380. Drilling.
Mud: Air-mist NOV 30 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13 3/8" csg at 301'

4920/80/14/270 Drilling. Dev: 1° at 4711. Repaired engines.
Mud: Air mist DEC 1 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13-3/8" csg @ 301'

12/2: 5375/80/15/455. Drilling.
Mud; Air mist
12/3: 5810/80/16/435. Drilling.
Mud: Air mist
12/4: 6118/80/17/308. Tripping for new bit.
Mud: Air mist DEC 4 1972

OIL WELL — ALTAMONT

SHELL OIL COMPANY-DUNCAN- | LEASE TEW | WELL NO. 1-10B5

DIVISION ROCKY MTN | ELEV 6960 KB

FROM: 11-20-72 - 7-23-73 | COUNTY DUCHESNE | STATE UTAH

UTAH

ALTAMONT

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13-3/8" csg @ 301'

"FR" Located 1929' FNL and 1358' FEL, SW/4 NE/4 Section 10-T2S-R5W, Duchesne County, Utah.
Elev: 6933 GL (ungraded)
15,200' Wasatch Test
Shell Working Interest: 99.46%
NOV 2 0 1972
Drilling Contractor: Brinkerhoff Drilling
This is a routine Wasatch development well.
11/18: 225/89/1/225. Drilling. Spudded well 8 AM, 11/17/72. Dev: 1/2° @ 75' and 1/4° @ 200'.
Mud: 8.5 x 58
11/19: 304/89/2/79. RD 26" and 13-3/8" csg. Circ @ TD while RU cellar jet and 4" wtr line for B-J cementers. Ran 9 jts 13-3/8" 68# K-55 ST&C csg (303.78') to 301', w/Halliburton insert @ 262'. Cmtd w/110 sx B-J Lightwt followed by 275 sx Class "G" w/2% $CaCl_2$. Bumped plug @ 11:15 PM, 11/17 w/500 psi. Had cmt returns to sfc. WOC and cut 26" and 13-3/8" csg.
Mud: 8.6 x 57 x 22.8
11/20: 304/89/3/0. Nippling up BOP's. Installed 13-3/8" csg hd and welded same. Tested to 1900 psi.

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13-3/8" csg @ 301'

304/89/4/0. Hooking up air control lines to BOP manifold. Dismantled BOP's and realigned spool for chk lines to align w/chk manifold. Changed rams in BOP's. Installed wear sleeve hanger flange. RU wtr pump in reserve pit and started installing air lines.
Mud: Wtr
NOV 2 1 1972

Shell-Duncan-Tew 1-10B5
(D) Brinkerhoff #41
15,200' Wasatch Test
13-3/8" csg @ 301'

528/89/5/224. Tripping for lost circ. Finished hooking up air control lines to BOP manifold. Laid down 9" DC and picked up 8" DC and tools. Tested BOP's to 1000 psi, OK.
NOV 2 2 1972
Mud: Wtr

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1929' FNL & 1358' FEL Section 10

RECEIVED DEC 20 1976 DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Tew

9. WELL NO.: 1-10B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW/4 NE/4 Section 10-T2S-R5W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6960 KB

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: Dec. 22, 1976
BY: P. L. Driscoll

See attachment

18. I hereby certify that the foregoing is true and correct

SIGNED J. W. Driscoll TITLE Div. Opers. Engr. DATE 12/16/76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

*See Instructions on Reverse Side

PERF & ACID TREAT

SHELL-DUNCAN

FROM: 5/26 - 12/14/76

LEASE TEW — WELL NO. 1-10B5

DIVISION WESTERN — ELEV 6960 KB

COUNTY DUCHESNE — STATE UTAH

ALTAMONT

UTAH

ALTAMONT

Shell-Duncan-Tew 1-10B5 (Perf & AT)	"FR" TD 14,326. PB 14,316. AFE #523627 provides funds to perf & AT. 5/25 MI&RU Western #19. Pmp'd salt wtr down tbg to kill well. Installed BPV & BOP's. Unstung from pkr & circ'd hole. SI well overnight. 5/26/76
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,316. Pulled 4467' 5-1/2 heat string. Chng'd rams & RIH w/pkr picker & 60 stds tbg. SI overnight. MAY 27 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,316. RIH w/pkr picker. Milled over 7" pkr & pulled tbg. Left 50 stds in. SI well overnight. MAY 28 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,316. 5/28 Fin'd pull'g pkr. RIH w/mill & scraper; CO to 14,170. Work'g on junk. Circ'd hole clean. SI overnight. 5/29 CO to 14,280. Spt'd 10 bbls 15% HCl dbl-inh'd. SI well. 5/31 Circ'd hole; could not mill past 14,280. POOH leav'g 1 blade of scraper. SI well. JUN 01 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,316. RIH w/4-1/8 x 2-3/4 shoe, 1 jt 4" WP & X-over; well started flw'g. Pmp'd salt wtr down tbg & annulus; unable to get into liner hanger. Spt'd salt wtr & POOH. SI overnight. JUN 02 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,316. POOH; shoe showed marks on btm 1" on OD. RIH w/tapered mill & CO liner hanger top. CO to 14,280 & pmp'd 100 bbls salt wtr to kill well. SI overnight. JUN 03 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. POOH; 7 collars had to be chng'd. Worked mill thru liner hanger w/no drag. Chng'd BOP's & installed tbg spool. OWP perf'd 14,279-14,300 (22') & 14,261-14,269 (9') w/2 jets/ft using 3-3/8 hollow-carrier csg gun w/120 deg phasing. No press buildup; FL 100' after perf'g. (OWP PBTD 14,317) JUN 04 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT)

14,326. PB 14,317. 6/4 Perf 14,248-14,256 (9'), 14,233-14,241 (9'), 14,190-14,22[illegible] (34'), 14,146-14,179 (34') & 14,117-14,143 (24'). All zones perf'd w/2 Harrison 14-grm chrgs w/120 deg phasing on a 3-3/8 hollow-carrier csg gun. FL remained below wellhead @ all times w/no press buildup. Depth ref OWP CBL dated 2/14/73. RD OWP. RIH w/Bkr ret pkr, +45 seating nip & tbg. Set pkr @ 14,027 w/14,000#. Bullheaded 10 bbls prod wtr ahead of 10 bbls 10% HCl w/850# NU, 25# G26, 4 gals C15, 10 gals Z5 & 1 gal J22 foll'd by 83 bbls hot prod wtr. Took 4500 psi to break down. Pmp'd @ 1.5 B/M - 3500-4200 psi. 6/5 Pmp'd std'g valve down tbg & set in +45 seat'g nip. Press tested tbg to 7400 psi; had no bleed off for 1 hr. Pulled valve & unseated pkr & circ'd out salt wtr. Reset pkr. MI&RU BJ & AT gross interval 14,300-14,117 w/1250 bbls 7-1/2% HCl acid as follows: Attempted to press up annulus & could get 1000 psi @ 4 B/M; could maintain same press @ 1/4 B/M. Pmp'd 3 bbls acid & drop'd one 7/8" RCN ball sealer (sp gr 1.2) & repeated procedure 415 times for a total of 1245 bbls acid & 415 ball sealers. Pmp'd 5 bbls acid w/o Unibeads. Max press 1000 psi during trtmt. All acid made up according to prog. Note: Only 3 gals G10 used/1000 gals acid. Good ball action noted. Max press 7400 psi, min 5900, avg 7200. Max rate 10.5 B/M, min 6, avg 8. ISIP 5500 psi, 15 mins 5500. SI well. 6/6 SITP 3750 psi. Opened well to pit & press bled to 0. Flwd well to pit. Returns of approx 100 bbls prod wtr & 600 bbls acid & form wtr. Turned well to battery & would not flow. TP 0. Prod no fluid to battery.

JUN 07 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT)

TD 14,326. PB 14,317. Pulled 10,000# tree & installed BOP's. Attempted to swab well & could not get below 40'. MI&RU Sun. Hit plug @ 45'. Pmp'd 60 bbls prod wtr down tbg @ max psi of 2000. Hit plug @ 4500' & another @ 5500. Ran to 11,000 & tbg clear. RD&MO Sun. RIH to 1000' & swab'd approx 6 BW to pit. RIH to 1500' & swab'd approx 10 BW to pit. Attempted to RIH & could not get past 500'. POOH w/swab & lubricator packed w/Unibeads. Rec'd 10 ball sealers from chk; all appeared to have been seated in holes during acid job. Note: all wtr rec'd from flowback & swab'g very cool. Unibeads did not indicate that they had melted during acid job. Backed well down w/30 bbls diesel. SI overnight.

JUN 08 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT)

TD 14,326. PB 14,317. Swab'd well to 1000'; swab'd approx 6 bbls fluid. RIH & hit FL @ 500'. Swab'd from 1500' approx 10 bbls fluid. Hit plug @ 500'; tried to spud thru & could not. Backed well down w/40 BW & 40 bbls diesel. SI well. Prep to run bombs.

JUN 09 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT)

TD 14,326. PB 14,317. SI.

JUN 10 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT)

TD 14,326. PB 14,317. SI.

JUN 11 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT)

TD 14,326. PB 14,317. SI.

JUN 14 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,317. SI.

JUN 15 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,317. SI.

JUN 16 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,317. SI.

JUN 17 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. (WO #523627) Ran CT to 9500' & jet'd well w/N2. Unloaded 46 BO & 116 BW; well would not flw. Left well open to battery on 1" chk.

JUN 18 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
6/19:	22	39	123	44	1"	50
6/20:	24	0	0	0	1"	0
6/21:	SI					

JUN 21 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. SI.

JUN 22 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. SI.

JUN 23 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. SI.

JUN 24 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. SI.

JUN 25 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. SI.

JUN 28 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. SI.

JUN 29 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. SI.

JUN 30 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. SI.

JUL 01 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. SI.

JUL 02 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT) TD 14,326. PB 14,320. SI.

JUL 06 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,320. SI.	JUL 07 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,320. SI.	JUL 08 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,320. SI.	JUL 09 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,320. SI.	JUL 12 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,320. SI.	JUL 13 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,320. SI.	JUL 14 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,320. SI. (Report discontinued until further activity)	JUL 15 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. (RRD 7/15/76) RU Nowsco & HOT. Ran CT to 13,500 while pmp'g 40 bbls warm diesel. RD HOT. Started lift'g well w/N2. Jetted 50 BO & 80 BW. RD Nowsco. Well flw'g to bty on 50/64" chk w/0 TP.	SEP 03 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. (Report discontinued until further activity)	SEP 07 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. (RRD 9/7/76) Pmp'd 50 bbls 180 deg prod wtr down tbg to clear possible paraffin. RIH w/tbg perf gun on WL & shot 4 holes @ 13,909-13,910; 4th jt above pkr because could not get any deeper. SITP before perf'g 100 psi & SICP 500 psi. After perf'g TP 250 psi & CP remained the same. RD&MO OWP. Turned well over to prod.	SEP 13 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. On 24-hr test, prod 55 BO, 384 BW, 4 MCF gas w/50 psi.	SEP 14 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. On 24-hr test, prod 0 BO, 0 BW, 4 MCF gas w/50 psi.	SEP 15 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. On 24-hr test, prod 0 BO, 0 BW, 0 MCF gas w/50 psi.	SEP 16 1976

Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. SI.	SEP 17 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. SI.	SEP 20 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. SI.	SEP 21 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. SI.	SEP 22 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. SI.	SEP 23 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. (Report discontinued until further activity)	SEP 24 1976
Shell-Duncan-Tew 1-10B5 (Perf & AT)	TD 14,326. PB 14,317. (RRD 9/24/76) Before test'g the M-51 Zone, prod about 7 BO/D & presently mak'g the same. FINAL REPORT	DEC 14 1976

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1929' FNL & 1358' FSL Section 10

RECEIVED JAN 13 1977 DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Tew

9. WELL NO.: 1-10B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW/4 NE/4 Section 10-T2S-R5W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6933 GL, 6960 KB

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other) Equip for Gas Lift			[X]	(Other) Equip for Gas Lift			[X]

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: Jan 17, 1977

BY: P L Driscoll

See attachment

18. I hereby certify that the foregoing is true and correct

SIGNED J. W. Brunel TITLE Div. Opers. Engr. DATE 1/12/77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah USGS w/attachment

*See Instructions on Reverse Side

EQUIP FOR GAS LIFT
SHELL-DUNCAN

	LEASE TEW		ALTAMONT
FROM: 12/27/76 - 1/7/77	DIVISION WESTERN	WELL NO.	1-10B5
	COUNTY DUCHESNE	ELEV	6960 KB
		STATE	UTAH

UTAH

ALTAMONT

Shell-Duncan-Tew 1-10B5
(Equip for gas lift)

DEC 27 1976

"FR" TD 14,326. PB 14,316. 12/20: Install gas lift equip. Pumped 40 bbls diesel, couldn't get below 1200'. 12/21: Pmp'd 30 bbls diesel down tbg & 75 bbls of wtr. Tbg on vaccum. Pmp'd another 200 bbls wtr to kill csg. Installed BOP's. Pulled 6 jts of tbg, well started flowing thru casing. Turned csg to battery to flow overnight. 12/22: Well still flowing from csg. Pumped 460 bbls prod wtr down tbg. Well still not dead. Shut well in. 12/23: Tbg on vaccum, 50# on csg. Bled press off csg, dead for 20 min, started kicking again. Pumped 75 bbls brine wtr down csg & 50 bbls down tbg. Tbg & csg went on vaccum. Pulled 48 jts of 2-7/8" tbg, packer hung in liner 2 hrs. Pulled 10 jts & hung again near top of liner. Pulled 186 jts of tbg, shut well in.

Shell-Duncan-Tew 1-10B5
(Equip for Gas Lift)

DEC 28 1976

TD 14,326. PB 14,316. Well SI @ report time w/800# press. Pumped 100 bbls salt water. Finished pulling tbg & Baker pkr. Ran 7800' 2-7/8" tbg. Shut down for night.

Shell-Duncan-Tew 1-10B5
(Equip for Gas Lift)

TD 14,326. PB 14,316. Well Shut Down. DEC 29 1976

Shell-Duncan-Tew 1-10B5
(Equip for Gas Lift)

DEC 30 1976

TD 14,326. PB 14,316. 12/28: Tbg shut in w/0 press, csg turned to battery w/100# press. Spotted 2600 gals of 15% HCl, 8 gals C-15 & 8 gals J-22. Flushed w/63 bbls of wtr. Waited 2 hrs & killed well. Pulled 65 jts tbg. Shut down for night. 12/29: 0# press on tbg & 125# on csg. Pmp'd 75 bbls wtr to kill well. Pulled tbg. Ran in hole w/7" Model "D" pkr & set @ 11,880'. Ran in hole w/10' prod tbg, seal assembly, 1 jt 2-7/8" tbg, seat nipple, mandrel w/valve @ 11,778', mandrel w/valve @ 11,087', mandrel w/valve @ 10,400', mandrel w/valve @ 9714', mandrel w/valve @ 8967', and mandrel w/valve @ 8212'. Shut well in for night.

Shell-Duncan-Tew 1-10B5
(Equip for Gas Lift)

TD 14,326. PB 14,316. Bled press off csg. Pmp'd 50 BW to kill csg. Ran 15 jts tbg, mandrel w/valve @ 6992, 54 jts, mandrel w/valve @ 5308, 77 jts, mandrel w/valve @ 2906, 92 jts, 2 6' subs, 1 8' sub, 1 4' sub & 1 jt tbg. Latched into pkr & landed on donut. Removed 6" BOP's & installed tree. Turned well over to prod. RD 1/3/76.

JAN 03 1977

Shell-Duncan-Tew 1-10B5 (Equip for Gas Lift)	TD 14,326. PB 14,316. On 16-hr test, gas lifted 65 BO, 599 BW, 364 MCF gas w/1366 psi inj press. JAN 0 4 1977
Shell-Duncan-Tew 1-10B5 (Equip for Gas Lift)	TD 14,326. PB 14,316. On 21-hr test 1/3, gas lifted 0 BO, 575 BW, 399 MCF gas w/1366 psi inj press. On 16-hr test 1/4, gas lifted 288 BO, 447 BW, 628 MCF gas w/1366 psi inj press. JAN 0 5 1977
Shell-Duncan-Tew 1-10B5 (Equip for Gas Lift)	TD 14,326. PB 14,316. On 24-hr test, gas lifted 396 BO, 818 BW, 902 MCF gas w/1366 psi inj press. JAN 0 6 1977
Shell-Duncan-Tew 1-10B5 (Equip for Gas Lift)	TD 14,326. PB 14,316. Well was SI prior to work. On 24-hr test 1/6/77 after work, gas lifted 317 BO, 632 BW, 1795 MCF gas w/1366 psi inj press. JAN 0 7 1977 FINAL REPORT

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 831 Houston, Texas 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1929' FNL & 1358' FEL

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Duncan-TEW

9. WELL NO.: 1-10B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW/4 NE/4 Sec. 10-T2S-R5W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6960' KB

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached worksheet.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 6-9-80
BY: M. J. Minder

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE Division Production Engineer DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

REMEDIAL PROGNOSIS
TEW 1-10B5
SECTION 10, T2S, R5W
ALTAMONT FIELD, UTAH

Pertinent Data: Shell's share: 99.47%

Elevation (KB): 6960'
Elevation (GL): 6933'
TD: 14,326'
PBTD: 14,316'
Casing: 13-3/8", 68#, K-55 to 301'; 9-5/8", 40#, K-55 to 7000'; 7", 26#, S-95 to 12,135'
Liner: 5", 18#, N-80; top at 11,894', bottom at 14,325'
Tubing: 2-7/8", EUE, 6.5#, N-80 to 11,880'
Packer: 7" Model "D" at 11,880'
Perforations: 11,982'-14,300' (398 holes)
Artificial Lift: Gas lift with mandrels at 2906', 5308', 6992', 8212', 8967', 9714', 10,400', 11,087', and 11,778'
Objective: CO, perforate, and stimulate the existing Wasatch interval and additional pay.

Procedure:

1. MIRU. Load hole with clean produced water. Remove tree. Install and test BOPE as per field specs.

2. Pull tubing and seals laying down gas lift mandrels while coming out.

3. Mill out 7" Model "D" packer at 11,880'. Run bit or mill and CO 5" liner to ±14,316' (PBTD).

4. Rig up perforators with lubricator (tested to 3000 psi) and perforate as follows:

   a. Perforate using a 3-1/8" O.D. casing gun with DML Densi-Jet XIV (14.0 gram) charges at 120° phasing.

   b. Record and report wellhead pressure before and after each run.

   c. Perforate (from bottom up) 3 shots per foot at depths shown on Attachment I. Depth reference is OWP's GR/CBL dated 2/14/73.

5a. If well can be controlled with water after perforating, run a 5" fullbore packer on tubing and set at ±12,860'. Test tubing to 6500 psi.

b. If well cannot be controlled with water after perforating, lubricate in a 5" Model "FA-1" packer (with flapper) and set at ±12,860'. Run tubing, latch into packer, and put well on production.

6. Acid treat perfs 12,884'-14,104' (219 new, 359 old) with 24,000 gallons of 7-1/2% HCL as follows:

a. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 50 gallons.

b. Pump 1000 gallons acid containing 2000# benzoic acid flakes.

c. Repeat Step (a) 4 more times and Step (b) 3 more times for a total of 5 stages acid and 4 of diverting material (total 24,000 gallons acid and 400 ball sealers).

d. Flush with 110 bbls of clean produced water.

Notes:
1. All acid and flush to contain 6 gallons G-10/1000 gallons HCL or equivalent for ±70% friction reduction and 1.0# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).
2. All acid to contain 3 gallons C-15/1000 gallons HCL for 4 hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
3. Maintain 2500 psi surface casing pressure during treatment if possible.
4. Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
5. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
6. Record ISIP and shut-in pressure decline for at least 20 minutes.

7. Run RA log from PBTD to 12,800'.

8a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 9.

b. If well does not flow, continue with Step 9.

9a. If a 5" fullbore packer was used in Step 5, POOH with tubing and packer. RIH with 5" RBP and 5" fullbore packer. Set RBP at ±12,860'. Pressure test to 3000 psi. If okay, spot 1 sack of sand on plug.

b. If a 5" Model "FA-1" packer was used in Step 5, POOH with tubing. RIH with Model "B" plug. Pressure test plug to 3000 psi. If okay, spot 1 sack of sand on plug.

10. Rig up perforators with lubricator (tested to 3000 psi) and perforate as follows:

a. Perforate using a 3-1/8" O.D. casing gun with DML Densi-Jet XIV (14.0 gram) charges at 120°F phasing.

b. Pump 500 gallons acid containing 1000# benzoic acid flakes.

c. Perforate (from bottom up) 3 shots per foot at depths shown on Attachment I. Depth reference is OWP's GR/CBL dated 2/14/73.

11a. If well can be controlled with water after perforating, run a 7" fullbore packer on tubing and set at ±11,460'. Test tubing to 6500 psi.

b. If well cannot be controlled with water after perforating, lubricate in a 7" Model "D" packer (with flapper) and set at ±11,460'. Run tubing, latch into packer, and put well on production.

12. Acid treat perfs 11,506'-12,822' (192 new, 39 old) with 27,500 gallons of 7-1/2% HCL as follows:

a. Pump 3000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 105 gallons.

b. Pump 500 gallons acid containing 1000# benzoic acid flakes.

c. Repeat Step (a) 7 more times and Step (b) 6 more times for a total of 8 stages acid and 7 of diverting material (total 27,500 gallons acid and 200 ball sealers).

d. Flush with 100 bbls of clean produced water.

Notes:
1. All acid and flush to contain 6 gallons G-10/1000 gallons HCL or equivalent for ±70% friction reduction and 1.0# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).
2. All acid to contain 3 gallons C-15/1000 gallons HCL for 4 hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
3. Maintain 2500 psi surface casing pressure during treatment if possible.
4. Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
5. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
6. Record ISIP and shut-in pressure decline for at least 20 minutes.

13. Run RA log from ±12,860' to ±11,400'.

14a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 15.

b. If well does not flow, continue with Step 15.

15a. If a 7" fullbore packer was used in Step 11, POOH with tubing and packer.

b. If a 7" Model "D" packer was used in Step 11, POOH with tubing. Mill out packer at 11,460'.

16. Circulate sand and retrieve BP.

17. RIH with tubing, GL mandrels, and 7" packer. Set packer at ±11,460'. Install GL mandrels as shown on Attachment III.

18. Return well to production.

19. Report well tests on morning report until production stabilizes.

G. L. Thompson

Date

MEB:JL

RKD

ATTACHMENT I

Depth reference is OWP's CBL/GR dated 2/14/73.

12,884	13,486	13,783
894	498	804
986	503	812
989	519	825
13,027	523	834
030	547	886
067	556	899
077	564	904
139	574	912
151	603	932
157	613	947
182	622	958
201	636	969
215	647	975
227	677	986
265	704	993
280	709	14,020
308	716	041
336	725	045
373	733	052
391	742	075
415	748	079
426	756	092
434	765	099
		104

TOTAL 219 holes (3 JSPF at 73 depths)

ATTACHMENT II

Depth reference is OWP's CBL/GR dated 2/14/73

11,506	11,752	12,050
515	761	060
528	770	076
537	790	188
552	796	206
562	803	242
566	839	330
575	868	399
592	890	422
604	904	448
616	912	468
622	933	486
636	944	492
650	951	508
665	974	576
672	979	675
676	988	740
702	12,000	742
715	007	767
726	012	774
736	027	814
		821

TOTAL 192 holes (3 JSPF at 64 depths)

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: PATENTED
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: TEW
9. WELL NO.: 1-10B6
10. FIELD AND POOL, OR WILDCAT: ALTAMONT
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW/4 NE/4 T2S R5W
12. COUNTY OR PARISH: DUCHESNE
13. STATE: Utah

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: P.O. Box 831 Houston, Tx 77001 ATTN: C.E. Tixier

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1929' FNL & 1358' FEL Sec. 10

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6960' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

SEE ATTACHED

RECEIVED
FEB 20 1981
DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED C.E. Tixier TITLE Div. Prod. Engr. DATE 1-30-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 331
ISSUED 10/10/80

WELL:	TEW 1-1085
LABEL:	FIRST REPORT
AFE:	591817
FOREMAN:	GARY LAMB
RIG:	WESTERN #12
OBJECTIVE:	IMPROVE OIL AND GAS PRODUCTION
AUTH. AMNT:	142000
DAILY COST:	2100
CUM COST:	4200
DATE:	7-26 AND 7-27 AND 7-28-80
ACTIVITY:	7-26-80 MOVE IN RIG AND RIG UP. SPOT EQUIPMENT. KILL
02	WELL. REMOVE WELL HEAD AND RIG UP TO PULL TBG. UNLATCH
03	SEAL ASSEMBLY AND PULL OUT OF HOLE. PICK UP BAKER MILL AND
04	JUNK BASKET RUN IN HOLE.
05	7-27-80 SHUT DOWN
06	7-28-80 MILLED UP MODEL D PACKER IN 4 HRS. PULL OUT OF
07	HOLE LAY MILL AND PACKER DOWN. PICK UP CLEAN OUT MILL.
08	RUN BACK IN HOLE- STOP AT TOP OF LINER. S.D.O.N.
LABEL:	-----
DAILY COST:	3600
CUM COST:	7800
DATE:	7-29-80
ACTIVITY:	7-29-80 OBJECTIVE: CLEAN OUT-PERFORATE-STIMULATE
02	7-29-80 ACTIVITY RUN INTO LINER TOP WITH CLEAN OUT MILL.
03	TRIED TO GET CIRCULATION WITH RIG PUMP - WOULD NOT
04	CIRCULATE. CALLED IN WESTERN PUMP TRUCK FOR MORE PUMPING
05	VOLUME. AFTER PUMPING 350 BBL OF PRODUCED WTR WELL
06	BEGAN CIRCULATING. CIRCULATED FOR 30 MIN. BEGAN
11	CLEANING OUT HOLE - CLEANED OUT FROM 11894 FT. TO
12	14310 FT. HIT HARD SCALE FROM 13639 FT. TO 13740 FT.
13	AND FROM 14107 FT. TO 14310 FT. RELEASED WESTERN
14	AND STARTED OUT OF HOLE. S.D.O.N.
LABEL:	-----
DAILY COST:	19000
CUM COST:	26800
DATE:	7-30-80
ACTIVITY:	OBJECTIVE CLEAN OUT. PERFORATE STIMULATE . FINISH PULLING
02	TBG. RIG UP O.W.P. TEST LUBRICATOR TO 3000 LBS. RUN
03	IN HOLE WITH FIRST GUN. LOCATE CHECK T.D. 14307 FT. PULL

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 331
ISSUED 10/10/80

04	UP TO 14104 FT. PERFORATE INTERVALS FROM 14104 FT. TO
05	13783 FT. A TOTAL OF 25 DEPTHS 3JSPF. PULL OUT OF HOLE.
06	0 PRESSURE AFTER 1 RUN . FLUID LEVEL 3400 FT. SECOND
07	RUN PERFORATE INTERVALS FROM 13765 FT. TO 13434 FT. A
08	TOTAL OF 25 DEPTHS 3JSPF . PULL OUT OF HOLE. 0
09	PRESSURE AFTER 2 RUNS FLUID LEVEL 4000 FT. THIRD RUN
10	PERFORATE INTERVALS FROM 13426 TO 12884 FT. A TOTAL
11	OF 23 DEPTHS 3JSPF PULL OUT OF HOLE. 0 PRESSURE AFTER
12	3 RUNS FLUID LEVEL 4200 FT. RIG DOWN O.W.P.
13	PICK UP BAKER 5 IN. FULL BORE PKR. RIH TO 3000 FT.
14	S.D.O.N.
LABEL:	-----
DAILY COST:	29100
CUM COST:	56600
DATE:	7-31-80
ACTIVITY:	RUN IN HOLE WITH TBG. AND 5 IN. FULLBORE SET AT 12860 FT.
02	TEST TBG. TO 6500 PSI. TESTED O.K. RIG UP DELSCO TO
03	PULL STANDING VALVE. RUN IN HOLE LATCH ON TO STANDING
04	VALVE-UNSEATED VALVE . PULLED OUT OF HOLE WITH VALVE. RI
05	DELSCO DOWN. REMOVE B.O.P. INSTALL WELL HEAD 10000 # FRAC TREE
06	TREE. RIG UP WESTERN CO. FOR ACID TREAT. PUMP 100 BBLS
07	PROD. WTR. 24000 GALLONS ACID WITH DIVERTING MATERIAL
08	A TOTAL OF 5 STAGES AND 4 STAGES DIVERTING MATERIAL
09	AS INDICATED ON PROGNOSIS.
10	MAX PRESS 8500# MAX RATE 14 I.S.D.P. 3400#
11	AVG. PRESS 8000# AVG. RATE 13 5 MIN. 2200#
12	MIN. PRESS 7000 MIN. RATE 10 10 MIN. 1100
13	FLUSH RATE 10 15 MIN. 500 20 MIN. 0
14	RIG DOWN WESTERN . CLOSE WELL IN S.D.O.N.
LABEL:	-----
DAILY COST:	5100
CUM COST:	69300
DATE:	8-1 AND 8-2-80
ACTIVITY:	8-1-80 DAILY COST 7600 CUM. COST 64200
02	RIG UP O.W.P. AND RUN P.A. LOG FROM 14310 FT. TO 12800 FT.
03	LOG INDICATED GOOD DIVERSION MOST PERFORATIONS TREATED
04	LAYED WELLHEAD DOWN . RIG UP B.O.P. P.O.O.H. WITH TBG.
05	AND PKR. RIH WITH 5 IN. RBP AND 5 IN. FULLBORE PKR.
06	SET RBP AT 12860 FT. PRESSURE TEST TO 3000#-TESTED O.K.
07	SHUT DOWN FOR NIGHT.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 331
ISSUED 10/10/80

08	8-2-80 RELEASE 5 IN. FULLBORE P.O.O.H. WITH TBG.
09	RIG UP O.W.P. WITH BALE BUSHEL. RIH SPOTTED 1 SACK
10	OF SAND ON PLUG. P.O.O.H. GOT EVERYTHING READY TO
11	PERFORATE. S.D.O.N. WILL PERFORATE MONDAY 8-4-80
LABEL:	-----
DAILY COST:	16100 / 30100
CUM COST:	85400 / 115500
DATE:	8-4 AND 8-5-80
ACTIVITY:	RU OWP. RIH W/ 3 1/8 IN. GUN. PERF. FROM 12821 TO 12206.
02	355 PF. FL. 3600. 0 PRESS. TOTAL OF 18 DEPTHS. 2ND.
03	RUN 3 1/8 IN. GUN. PERF. FROM 12188 TO 11890. 355 PF.
04	17 DEPTHS. FL. 3600. 0 PRESS. 3RD. RUN 4 IN. GUN. PERF.
05	FROM 11868 TO 11726. 355 PF. 10 DEPTHS. FL. 3600. 0
06	PRESS. 4TH. RUN 4 IN. GUN. PERF. FROM 11715 TO 11604.
07	355 PF. 10 DEPTHS. FL. 3600. 0 PRESS. 5TH. RUN 4 IN.
08	GUN. PERF. FROM 11592 TO 11506. 355 PF. 9 DEPTHS.
09	0 PRESS. FL. 3600. RD OWP. RU TO RUN TBG. RIH TO
10	11460. S.D.O.N.
11	8-5-80 - SET PACKER AT 11460. LANDED TBG. FLANGED WELL
12	HEAD UP. RU WESTERN CO. TO ACID TREAT PERFS. PRESS.
13	TESTED SURFACE LINES 9500 PSI. STARTED ON TREATMENT
14	PUMPED 100 BBLS. PW FOR PAD. STARTED ON ACID. PUMPED
15	A TOTAL OF 8 STAGES. 7 WITH DIVERTING MATERIAL. A
16	TOTAL OF 27500 GALS. OF ACID. DIVERTING MATERIAL ADDED
17	AS INDICATED ON PROG. STARTED ON FLUSH. TBG. PSI
18	8400. CASING 2500 PSI. PUMPED 2 BBLS. FLUSH. TBG.
19	BLEW UP. SHUT WESTERN DOWN. TBG. AND CASING EQUALIZED
20	AT 2600 PSI. STARTED PUMPING FLUSH. PUMPED SLOWLY
21	DOWN TBG. AND CASING UNTIL TBG. WAS FLUSHED. MAX.
22	PSI 8450 MAX. RATE 14 SIP 2600 AVER. PSI 8200
23	AVER. RATE 12 5 MIN. SIP 2600. MIN. PSI 7800
24	MIN. RATE 10 10 MIN. SIP 2600. PRESSURE REMAINED
25	AT 2600 FOR 2 HOURS. AFTER 2 HOURS STARTED FLOWING
26	WELL TO OIL SAVER TANK. FLOW
27	200 BBLS. WATER IN 2 HOURS. PRESSURE DROPPED 100
28	PSI. TURNED WELL TO BATTERY OVER NIGHT.
LABEL:	FIRST REPORT
DAILY COST:	2100
CUM COST:	120500
DATE:	8-6-80

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 331
ISSUED 10/10/80

ACTIVITY:	8-6-80 ACTIVIYY: REMOVED FRAC TREE RU TO PULL TBG.
02	PICKED UP ON TBG. TBG. WAS PARTED. PULLED OUT OF HOLE
03	WITH 348 JTS. TOTAL JTS. RUN 368 LEFT 20 JTS. OF TBG
04	IN HOLE TBG. WAS PARTED AT COLLAR. COLLAR WAS LEFT
05	IN HOLE R.U. FISHING TOOLS TO FISH FOR A COLLAR.
06	R.B.I.H. LATCH ON TO FISH. RELEASED BAKER FULL BORE
07	PACKER STARTED OUT OF HOLE. S.D.O.N.
LABEL:	-----
DAILY COST:	6100
CUM COST:	126600
DATE:	8-7-80
ACTIVITY:	FINISHED PULLING OUT OF HOLE WITH TBG. AND FISH 20 JTS.
02	OF TBG. AND FULLBORE PACKER. COLLAR WAS SPLIT.
03	STARTED BACK IN HOLE TO RETRIVE B.P. RUN TO 12000 FT.
04	S.D.O.N.
LABEL:	-----
DAILY COST:	4100
CUM COST:	130700
DATE:	8-7 AND 8-8 AND 8-9-80
ACTIVITY:	8-7-80 DAILY COST: 4100 CUMULATIVE COST: 130700
02	RUN DOWN TO B.P. AT 12860. CIRCULATED FOR 3 HRS. TO
03	CLEAN SAND OUT OF TOP OF B.P. MOVED DOWN ON TOP
04	PLUG. LATCH ONTO B.P. START OUT OF HOLE WITH TBG.
05	4000 FT. LEFT IN HOLE. S.D.D.N.
06	8-8-8- DAILY COST: 4100 CUMULATIVE COST: 130700
07	RUN DOWN TO B.P. AT 12860 CIRCULATED FOR 3 HRS. TO
08	CLEAN SAND OUT OF TOP OF B.P. MOVED DOWN ON TOP PLUG
09	LATCH ONTO B.P. START OUT OF HOLE WITH TBG
10	4000 FT. LEFT IN HOLE. S.D.O.N
11	8-9-80 DAILY COST: 8100 CUMULATIVE COST: 138800
21	FINISHED PULLING OUT OF HOLE WITH TBG. AND B.P.
22	PICKED UP 7 IN. BAKER FULLBORE STARTED IN HOLE
23	R.I.H. WITH TBG. G.L. MANDRELS AND 7 IN.
24	PACKER . LEFT PACKER AT 11460. INSTALLED 5000 PSI
25	PRODUCTION HOOKED UP FLOW LINE. RETURNED WELL TO
26	PRODUCTION
LABEL:	-----
CUM COST:	138800
DATE:	8-12-80

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 331
ISSUED 10/10/80

ACTIVITY:	145 OIL- 165 WTR- 467 MCF GAS- 350 INJ.
02	-50/64 CHOKE- 300 TBG. PSI- 1300 CSG. PSI.
03	THIS TEST IS FOR 24 HRS.
LABEL:	-----
DAILY COST:	NONE
CUM COST:	138800
DATE:	800813
11	70 OIL- 300 WTR.-400 MCF GAS- 380 INJ.- 100 TP- 1320 CP-
12	50/64 CHOKE THIS TEST IS FOR 24 HOURS.
LABEL:	-----
DAILY COST:	NONE
CUM COST:	138800
DATE:	800814
ACTIVITY:	8-14-80 80 OIL- 278 WTR.- 330 GAS- 398 ING.- 100 TP.
02	14
LABEL:	-----
CUM COST:	138800
DATE:	8-15-80
ACTIVITY:	83 OIL- 287 WTR.- 362 MCF GAS- 411 INJ.- 1320 CASING-
02	100 TBG. - 50/64 CHOKE
LABEL:	FINAL REPORT
CUM COST:	138800
DATE:	8-15 AND 8-16 AND 8-17 AND 8-18-80
ACTIVITY:	8-15-80 TEST DATA: 83 OIL- 287 WTR- 362 MCF-411 INJ.
02	8-16-80 TEST DATA: 94 OIL-357 WTR-701 MCF-638 INJ-
03	45/64 CHOKE 1360 CSG.
04	8-17-80 TEST DATA: 92 OIL-347 WTR-676 MCF-1320 CSG.
05	8-18-80 TEST DATA: 111 OIL-375 WTR-676 MCF GAS-1360 CSG
06	64/64 CHOKE
07	THIS WELL WAS PUT ON PRODUCTION ON AUGUST 9
08	1980.

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: P.O. Box 831 Houston, TX 77001 ATTN: P.G. Geiling RM. #4459 WCK

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1929' FNL & 1358' FEL Sec 10

5. LEASE DESIGNATION AND SERIAL NO.: PATENTED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: CA 96-54

8. FARM OR LEASE NAME: Tew

9. WELL NO.: 1-10B5

10. FIELD AND POOL, OR WILDCAT: ALTAMONT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW/4 NE/4 T2S R5W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6960' KB

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)		CONVERT TO BEAM	☒	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

SEE ATTACHED

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6/30/82
BY:

18. I hereby certify that the foregoing is true and correct

SIGNED W. F. N. KELLEDORF TITLE Division Prod. Engineer DATE 6-17-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Shell Oil Company

P.O. Box 831
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS
FROM SHELL OIL COMPANY TO
SHELL WESTERN E&P INC.
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

G. M. Jobe

G. M. Jobe
Administrator, Regulatory-Permits
Rocky Mountain Division
Western E&P Operations

GMJ:beb

Enclosures

PROPOSED BEAM PUMPING INSTALLATION
ALTAMONT FIELD

WELL Tew 1-10B5 CASING SIZE 7 " WEIGHT 26 #

KB-GL 6960'-6933' LINER TOP 11,894' SIZE 5 " WEIGHT 18#

PACKER ______ DEPTH ______' PERFS TOP 11,506' BTM 14,104'

PRESENT WELL STATUS gas Lift

REMARKS Convert To Beam pump due To lack of injection gas compression

INSTALL EQUIPMENT AS FOLLOWS:

TUBING 10,500'± 2 7/8" 6.5#, N-80 EUE

~~PACKER~~ OR TUBING ANCHOR set @10,470'± in 7" 26#, S-95 Csg.

GAS ANCHOR Poor Boy

PUMP SEATING NIPPLE AT 10,500'±

PUMP 1.75"

SINKER BARS ______

SUCKER RODS 210 ' 3/4" WITH STANDARD SIZE C COUPLINGS

111 ' 7/8" WITH STANDARD SIZE C COUPLINGS

99 ' 1" WITH SLIMHOLE C COUPLINGS

SUCKER ROD GRADE "EL"

SUCKER ROD GUIDES Ruton (2 per rod on All 3/4")

PARAFFIN SCRAPERS Ruton (4 per rod on 1" & 7/8)

ROD ROTATOR Heavy duty (Huber)

PUMPING UNIT Lufkin M912-365-168

PRIME MOVER A.E. Set. Size "6" Econo-Pak II (Med. Torq. Mode. 981 Avg. RPM

OPERATE UNIT WITH 168 " STROKE AT 9.5 SPM

REMARKS ______

CALC PUMP STROKE 168 " CALC PUMP DISPL 504 BPD 100% eff

PRD4278[redacted]5421

4241 State Office Building: Salt Lake City, Ut. 84114. ● 801-533-5771

MONTHLY OIL AND GAS PRODUCTION REPORT

Duchesne

Operator name and address:

~~UTEX O'L CO.~~
% SHELL WESTERN E&P INC.

[redacted] Operator name change
PO BOX 576
HOUSTON TX 77001
ATTN: P.T. KENT, OIL ACCT.

NICHO

Utah Account No. N0840

Report Period (Month/Year) 8 / 84

Amended Report ☐

Well Name / API Number / Entity / Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
ELLSWORTH 1-16B4 4301330192 01735 02S 04W 16	WSTC	16	362	545	3344
HANSON TRUST 1-09B3 4301330144 01740 02S 03W 9	GR-WS	21	750	1042	6373
MONSEN 1-27A3 4301330145 01745 01S 03W 27	WSTC	31	1273	2206	326
WINKLER 1-28A3 4301330191 01750 01S 03W 28	WSTC	31	1481	363	3094
SHELL TEW 1-10B5 4301330178 01755 02S 05W 10	WSTC	15	225	1653	222
ELLSWORTH 1-19B4 4301330183 01760 02S 04W 19	WSTC	20	469	618	3730
GOODRICH 1-2B3 4301330182 01765 02S 03W 2	GR-WS	28	841	1612	2766
BROTHERSON 1-15B4 4301330159 01770 02S 04W 15	WSTC	31	2207	608	5598
MYRIN RANCH 1-13B4 4301330180 01775 02S 04W 13	WSTC	22	735	817	3885
EVANS 1-19B3 4301330265 01776 02S 03W 19	WSTC	17	344	431	1457
BROTHERSON 1-22B4 4301330227 01780 02S 04W 22	WSTC	22	712	9687	2108
BIRCH 1-27B5 4301330197 01781 02S 05W 27	WSTC	26	2090	428	776
HANSKUTT 1-23B5 4301330172 01785 02S 05W 23	WSTC	24	517	3600	4664
OCT - 2	TOTAL		12006	23610	51275

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete. Date 9-28-84

Telephone

Authorized signature

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL XX GAS WELL ☐ OTHER

2. NAME OF OPERATOR: UTEX OIL COMPANY

3. ADDRESS OF OPERATOR: 1245 E. Brickyard Rd., Ste. 600, Salt Lake City, Utah 84106

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1,929' FNL, 1,358' FEL

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: Tew

9. WELL NO.: 1-10B5

10. FIELD AND POOL, OR WILDCAT: Altamont/Bluebell

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 10, T2S, R5W, USM

14. PERMIT NO.: 43-013-30178

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6,960' KB, 6,933' GL

12. COUNTY OR PARISH

13. STATE

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	XX	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)	☐			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

CONFIDENTIAL

Utex plans to abandon this well per the attached procedure. Work will proceedupon proper government and partner approvals.

The well location will be reclaimed and reseeded prior to October 1st. Reclamation varies with the irrigation and growing seasons. It will be done during the summer to promote a good reseeding.

APPROVAL CONDITIONS:

1. Step 2- Approx. 14,300' of tbg. will be needed to tag PBTD.
2. Step 5b-After cutting and pulling 7" csg. a cement plug shall be spotted 100' above and below csg. stub. If csg. is cut at depth greater than 4000', one stabilizer plug at least 100' in length shall be placed midway between csg. stub and surface.

CONFIDENTIAL

RECEIVED
FEB 20 1986
DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED C L Bucher TITLE Engineer DATE 2/18/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 2-27-86
BY: John R. Baza

*See Instructions on Reverse Side

PLUG AND ABANDONMENT PROCEDURE

TEW 1-10B5

WELL DATA

Elevations: 6,960' KB; 6,933' GL

Depth: TD 14,326'; PBTD 14,310' (7-29-80)

Casing:

24" conductor	@	46'
Cemented to surface		
13-3/8", 68#, K-55, STC	@	301'
Cemented to surface		
9-5/8", 40#, K-55, STC	@	7,000'
Cemented with 697 sx		
7", 26#, S-95, LTC	@	12,135'
Cemented with 397 sx		
5", 18#, N-80, SFJ	@	11,905' - 14,325'
Cemented with 1,343 cubic feet		

Tubing: 2-7/8", 6.5#, N-80, 8rd, EUE

Anchor: Baker anchor @ 10,055'

Perforations: 11,506' - 14,285', 825 shots, 378 net feet

PROCEDURE

1. Bleed oil and pressure off well. Move in, rig up service unit. Nipple down wellhead. Nipple up B.O.P. Pull out of hole with rods and pump. Change rig equipment, pull out of hole with tubing and anchor.

2. Pick up 4,300' ±, run in hole with open-ended tubing. Tag PBTD. Pick up 10 feet. Spot 547 cubic feet cement. (Top should be at 10,476').

3. Pick up 20 stands above cement top, pump 10 barrels water down tubing and casing to clear of cement. Wait on cement overnight.

4. Run in hole, tag cement. Pressure test well to 1,000#. Displace hole with 10 ppg mud to 7,100'. Pull out of hole with tubing. Lay down tubing coming out of hole.

5. Run in hole, perforate 4 squeeze shots at 7,100'. Establish rate with water down 7" and up 7"-9-5/8" annulus. If circulation is established:

a. Pump 1,195 cubic feet cement, followed by 233 barrels 10 ppg mud, tail in with 107 cubic feet cement. (This should cement 9-5/8" - 7" annulus and put 400' in the 7" at the bottom and 500' in the top of the 7").

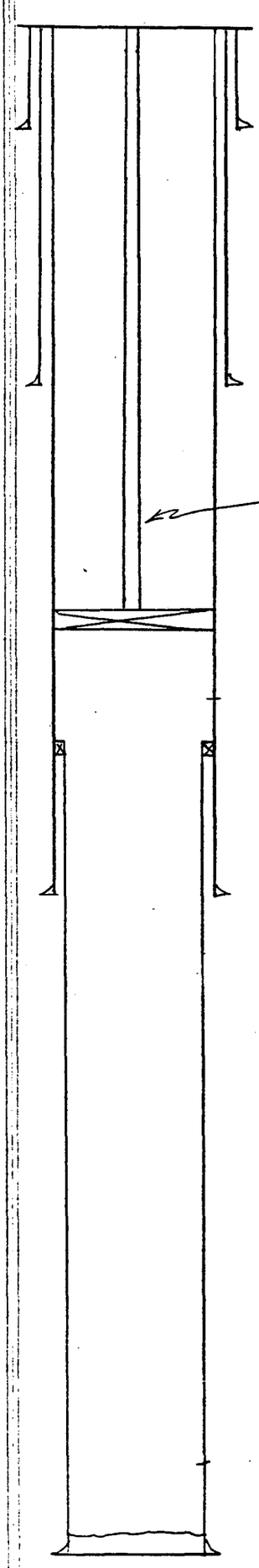
b. If circulation is not established, displace 10 ppg to 7,000'. Pull out of hole. Cut 7" casing off at 6,900'. Pull casing. Pump 426 sacks cement down 9-5/8". (1,000')

6. Displace cement 2' below wellhead. Shut-in well. Nipple down B.O.P. Nipple up wellhead. Rig down service unit.

7. Cement wellhead marker in 7" casing. Put cement down annulus if necessary.

8. Rehabilitate location.

TEW 1-1085



301' 13 3/8", 68#, K-55, STC cmt'd to surface

7000' 9 5/8", 40#, K-55, STC cmt'd w/ 697 sx

2 7/8", 6.5#, N-80, 8rd, EUE

10,055' BAKER TUBING ANCHOR

11506' TOP PERFORATION

11905' TOP OF 5" LINER

12,135' 7", 26#, S-95, STC cmt'd w/ 397 sx

825 PERFORATIONS FROM 11506'-14,285'

14285' BOTTOM PERF

14310' PBTD

14325' 5", 18#, N-8 FJ cmt'd w/ 1343 ft³

2/14/86
CLB

NAME	ACTION CODE(S)	INTL
NORM		
TAMI		
VICKY		
CLAUDIA		
STEPHANE		
CHARLES		
RULA		
MARY ALICE		
CONNIE		
MILLIE		
PAM	FILE	

Required Action Code

1. Data Entry
2. Filming
3. Posting
   a. Card Index
   b. File Label
   c. Lists
4. Bonding Verification
5. Other (See Norm)

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
ANR Limited Inc.

3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
See attached list

RECEIVED
DEC 31 1986
DIVISION OF
OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ivs

9. WELL NO.
1-10B5

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 10 2s 5w

14. PERMIT NO.
43-013-30178

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH
Duchesne

13. STATE

16. Check Appropnate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) -Change Operator			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Limited has been elected successor Operator to Utex Oil Company on the oil wells described on the attached Exhibit "A".

18. I hereby certify that the foregoing is true and correct

SIGNED Jon K. Nelson TITLE Dist. Land Mgr. DATE 12/24/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DOGM 56-64-21
an equal opportunity employer

UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. ● (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

● ANR LIMITED INC./COASTAL
P O BOX 749
DENVER CO 80201 0749
ATTN: RANDY WAHL

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report ☐

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
SHELL TEW 1-10B5 4301330178 01755 02S 05W 10	WSTC				
ELLSWORTH 1-19B4 4301330183 01760 02S 04W 19	WSTC				
ELLSWORTH #2-19B4 4301331105 01761 02S 04W 19	WSTC				
GOODRICH 1-2B3 4301330182 01765 02S 03W 2	GR-WS				
BROTHERSON 1-15B4 4301330159 01770 02S 04W 15	WSTC				
BROTHERSON 2-15B4 4301331103 01771 02S 04W 15	WSTC				
EVANS 1-19B3 4301330265 01776 02S 03W 19	WSTC				
BROTHERSON 1-22B4 4301330227 01780 02S 04W 22	WSTC				
BIRCH 1-27B5 4301330197 01781 02S 05W 27	WSTC				
BROTHERSON #2-22B4 4301331086 01782 02S 04W 22	WSTC				
BIRCH #3-27B5 4301331126 01783 02S 05W 27	WSTC				
HANSKUTT 1-23B5 4301330172 01785 02S 05W 23	WSTC				
MURDOCK 1-34B5 4301330230 01786 02S 05W 34	WSTC				
	TOTAL				

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Telephone _____

Authorized signature

PLEASE COMPLETE FORMS IN BLACK INK

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Tribe

7. UNIT AGREEMENT NAME: CA 96-54

8. FARM OR LEASE NAME: Tew

9. WELL NO.: 1-10B5

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 10, T2S-R5W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1929' FNL & 1358' FSL

RECEIVED
DEC 12 1988
DIVISION OF
OIL, GAS & MINING

14. PERMIT NO.: 43-013-30178

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6933' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	[ ]	WATER SHUT-OFF	[ ]
FRACTURE TREAT	[ ]	FRACTURE TREATMENT	[ ]
SHOOT OR ACIDIZE	[ ]	SHOOTING OR ACIDIZING	[ ]
REPAIR WELL	[ ]	(Other)	[ ]
PULL OR ALTER CASING	[ ]	REPAIRING WELL	[ ]
MULTIPLE COMPLETE	[ ]	ALTERING CASING	[ ]
ABANDON* P & A	[XX]	ABANDONMENT*	[ ]
CHANGE PLANS	[ ]		
(Other)	[ ]		

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Proposed Procedure:

1. MIRU. Fish & POOH w/rods & 2-7/8" tbg.
2. PU 7", 26# cmt retainer & RIH w/2-7/8" tbg. Set retainer @ ± 11,800'. Pump 50 sx below & spot 25 sx on top.
3. Circ. hole w/9.5 #/gal mud.
4. ~~Spot 50 sx cmt plug from 6900-7100'.~~ → See attached letter.
5. Spot 50 sx cmt plug from 200' to surface.
6. Cut off 7", 9-5/8", & 13-3/8" csg 5' below ground.
7. Run 1" pipe & cement ~~7" x 9-5/8" &~~ 9-5/8" x 13-3/8" annulus from 200' to surface (approx. 100 sx total).
8. Set dry hole marker per ~~BLM~~ State of Utah regulations.
9. Surface reclamation to follow.

18. I hereby certify that the foregoing is true and correct

SIGNED: Eileen Danni Dey (Eileen Danni Dey) TITLE: Regulatory Analyst DATE: December 9, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
1-20-89
John R. Baza

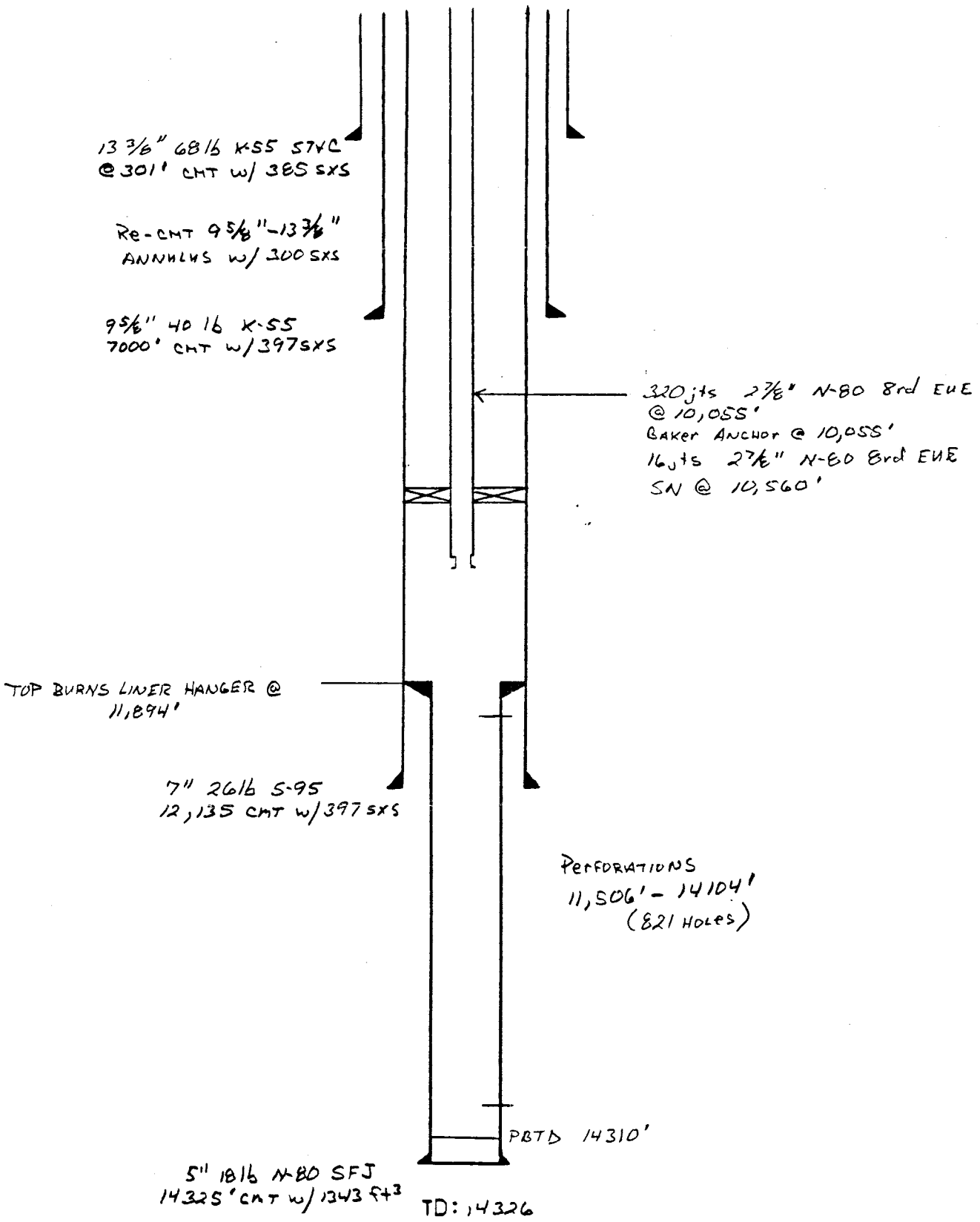
See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PRESENT WELLBORE SCHEMATIC

S.C. Prutch

AS OF 12/6/88
TEW # 1-10BS
Section 10, T2S, R5W



ANR

ANR Production Company
a subsidiary of The Coastal Corporation

c12712

JAN 25 1988

DIVISION OF
OIL, GAS & MINING

January 19, 1988

Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

N0235

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

N0675

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

Roger W Sparks

Roger W. Sparks
Manager, Crude Revenue Accounting

The computer shows the ANR Limited wells listed under account no. N0235.
DTS 1-26-88

CC: AWS

CTE:mmw

Lisha,
I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

January 20, 1989

Mr. Vince Guinn
ANR Production Company
P.O. Box 749
Denver, Colorado 80201-0749

Dear Mr. Guinn:

Re: Approvals of Plugging and Abandonment Procedures

Based on our telephone conversation of January 18, 1989, I have reviewed the plugging and abandonment procedures which you submitted for the Tew #1-10B5 well located in Section 10, Township 2 South, Range 5 West, and the Christensen #1-33A5 well located in Section 33, Township 1 South, Range 5 West, Duchesne County, Utah.

For the Tew #1-10B5 well, the following changes are acknowledged and approved:

1. The lease designation has been changed to "Fee" to reflect private ownership of the lease.

2. Step 4 of the procedure has been changed to allow cutting and pulling the 7" casing string at approximately 7000'. A cement plug will then be set to adequately cover the 7" casing stub, the 9-5/8" casing shoe, and to squeeze a small amount of cement in the 7" and 9-5/8" casing annulus.

For the Christensen #1-33A5 well, the following change is acknowledged and approved:

1. Step 4 of the procedure has been changed to allow cutting and pulling the 9-5/8" casing string at approximately 6800'. A cement plug will then be set to adequately cover the 9-5/8" casing stub, the 13-3/8" casing shoe, and to squeeze a small amount of cement in the 9-5/8" and 13-3/8" casing annulus.

As a condition of both approvals, the operator shall notify the Division of Oil, Gas and Mining at least 24 hours prior to commencement of plugging and abandonment operations to allow for witnessing by a Division representative.

I hope this adequately responds to your request. Please contact me again if you have any additional questions or concerns.

Sincerely,

John R. Baza
Petroleum Engineer

Enclosures
cc: R. J. Firth
J. L. Thompson
Well files
OI2/162-163

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: Coastal Oil + Gas.

WELLNAME: Tew 1-10 B5 API# 43-013-30178 PA'd

SECTION: 10 TWP: 2S RANGE: 5W

INSPECTOR: Gary Gaerner TIME: 9:45AM DATE: 10/2/89

REPRESENTATIVE: Bob Lewis PUSHER: Bob Huston.

OPERATIONS: Plug + Abandon

SPUD DATE: _____ DEPTH: PBTD 14,310

DRILLING AND COMPLETIONS:

____APD	____WELL SIGN	____SANITATION
____BOPE	____BLOOIE LINE	____H2S
____VENTED/FLARED	____RESERVE PIT	____FLARE PIT
____BURN PIT	____HOUSEKEEPING	

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
325 sx on top "H"	10,055
class "H" - balanced.	6300' - 6100'
class "H" - Surface.	200' - 0'

PLUGS TESTED: No. HOW _____ WOC _____

MARKER: ____SURFACE ✓ PLATE

RECLAMATION:

____CONTOUR ____RIP ____REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPICABLE

REMARKS:

land owner requested a plate instead of a surface marker. - He will also ~~haul~~ take care of production tanks + line bundles.

APPROVED BY _____ HOW _____ DATE _____

ORIGINAL

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

Rec'd 10/31/89

RECEIVED
OCT 30 1989
DIVISION OF OIL, GAS & MINING

P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE NO.	DATE
841403	10/02/19

WELL/PLANT LOCATION NO./NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
DUNCAN ~~1-18B~~ 1-10B5	DUCHESNE	UT	SAME

SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
VERNAL, UT.	WESTERN WELL	PLUG TO ABANDON	10/02/19

ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
001501	LEWIS			COMPANY TRUCK	8388

DIVISION OF OIL, GAS & MINING

OCT 23 1989

COASTAL OIL & GAS CORP.
DENVER

A N R PRODUCTION CO.
BOX 120
ALTAMONT, UT 84001

DIRECT CORRESPONDENCE TO:
410 17TH ST.
SUITE 900
DENVER, CO 80202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - ROCKY MOUNTAIN					
000-117	MILEAGE	65	MI	2.20	143.00
		1	UNT		
009-019	PLUGGING BK SPOT CEMENT OR MUD	9766	FT	3,240.00	3,240.00
		1	UNT		
009-027	PLUGGING BACK ADD. HR.	9	HR	200.00	1,800.00
		1	UNT		
504-043	PREMIUM CEMENT	500	SK	8.02	4,010.00
509-406	ANHYDROUS CALCIUM CHLORIDE	1	SK	27.75	27.75
500-207	BULK SERVICE CHARGE	500	CFT	.95	475.00
500-314	MILEAGE	1527.5	TMI	.75	1,145.63
	INVOICE SUBTOTAL				10,841.38
	DISCOUNT-(BID)				1,647.87-
	INVOICE BID AMOUNT				9,193.51
	*-UTAH STATE SALES TAX				244.43
	*-~~VERNAL CITY SALES TAX~~				43.47

Property Name 1-10B5
Type of Service P+A
Comments 94 1499 0024 000 000 62564 789 8770 9481 41
AFE ☐ LOE ☐
Appr. By [illegible] Date 10-25
Appr. By ____ Date ____
Appr. By ____ Date Acc 102489

INVOICE TOTAL - PLEASE PAY THIS AMOUNT ==========> $9,481.41

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18%. PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 30 1989
DIVISION OF OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER	5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-2503
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Tribe
	7. UNIT AGREEMENT NAME: CA 96-54
2. NAME OF OPERATOR: ANR Production Company	8. FARM OR LEASE NAME: Tew
3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749	9. WELL NO.: 1-10B5
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1929' FNL & 1358' FEL - Section 10, T2S-R5W	10. FIELD AND POOL, OR WILDCAT: Altamont
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 10-T2S-R5W
14. PERMIT NO.: 43-013-30178	15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6933' GL
	12. COUNTY OR PARISH: Duchesne
	13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well plugged and abandoned 10-3-89

See attached chronological report

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	✓
2- MICROFILM	✓
3- FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank (Brenda W. Swank) TITLE Regulatory Analyst DATE 10/19/89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

TEW #1-10B5 (P&A)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 52.3245% ANR AFE: 62564
TD: 14,326'
CSG: 5" LINER @ 11,894'-14,325'
PERFS: 11,506'-14,104'
CWC(M$): $43.6 (-$40.8 SALV)

9/25/89 Fish 2-7/8" tbg & pump BHA. MIRU. LD polished rod. 1" rods parted @ 5'. Unable to fish 1" rods. PU 2-7/8" tbg w/29 pts. RIH w/OS on rod string to 4350'. Unable to tag. POOH. Flush rods w/50 BW. ND WH. NU BOPS. POOH w/159 jts 2-7/8" tbg.
DC: $3,033 TC: $3,033

9/26/89 Fish inside rod string & pmp. RIH w/5-3/4" x 3-1/8" OS on 2-7/8" tbg. Latch fish. RIH w/mousetrap on rod string to fish inside rods. Unable to latch. RIH w/2-1/4" imp block. POOH. 3/4" pin looking up on low side.
DC: $3,127 TC: $6,160

9/27/89 POOH w/rod string. RIH w/guide & mousetrap on 86 tapered rod string. Latch fish.
DC: $2,566 TC: $8,726

9/28/89 Recover insert pump. POOH w/rod string w/o fish. RIH w/2-1/4" x 3/4" OS on rod string. Unseat pump. Flush rods w/75 BW. Top 3/4" rod corkscrewed. Insert pump hanging up on tbg OS. POOH w/rod string & fish. Btm of pump parted. Rel tbg OS. Start POOH w/2-7/8" tbg.
DC: $3,065 TC: $11,791

9/29/89 Prep to set cmt plug. TIH w/overshot. Catch fish. Attempt to rel anchor without success. Cut tbg @ 9890'. Pull 2 stds.
DC: $5,452 TC: $17,243

10/2/89 POH. LD tbg. Set 325 sx cmt plug from 1766'. POH 2000'. Circ. Spot 200' cmt plug from 6300'-6100'. LD 130 stds tbg.
DC: $3,483 TC: $20,726

10/3/89 LD tbg. RIH to 200'. Fill csg w/mud. Bleed dwn 9-5/8". Circ prod wtr. Pump 50 sx Cl "H" cmt from 200' to surf. LD tbg. Pump 75 sx dwn 9-5/8". Weld on dry hole marker. Final report.
DC: $13,791 TC: $34,517

DOWNOLE SCHEMATIC
LEASE: Tew
WELL #: 1-10B5
FIELD: Altamont
LOCATION: Sec 10, T2S, R5W
COUNTY/STATE: Duchesne UT
T.D: 14326'
PBTD: 14310
PERFS:
PROD. FORM(S): Wasatch
DATE: 3/8/90 BY: R.J.L. (?)

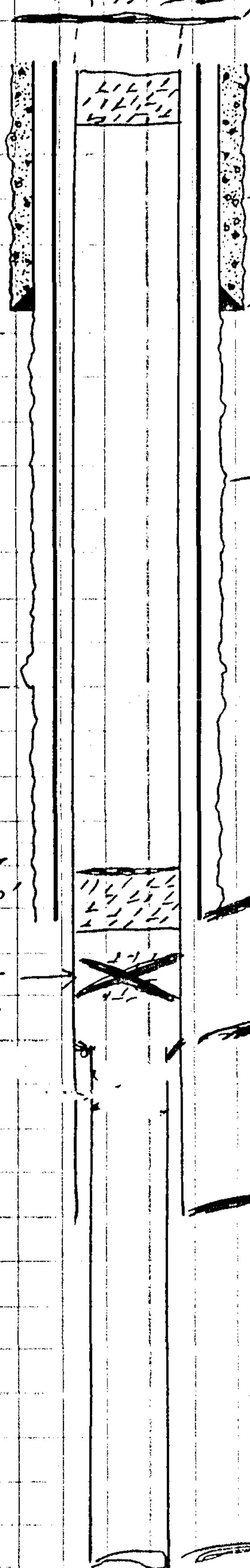
PRODUCING STATUS: Plug & Abandon

WELLHEAD WORKING PRESSURE:

RECEIVED
MAR 12 1990
DIVISION OF
OIL, GAS & MINING

KB ELEVATION:

FORM. TOPS P & A ID plate - welded on 7"



50 sx cemt plug surf-200'

HOLE SIZE: "

SURFACE CASING:
O.D. 13 3/8 WEIGHT(S) 68 #
GRADE(S) K55, CPLG
SET AT 301 ' W/ 385 SX

HOLE SIZE: "

50 sx cmt plug 6900', 7100'

9 5/8 csg K55/40# 7008' 397 sx

cmt Rst @ 11800'

5" L.T. @ 11894'

7" 26# S95# 12135' 397 sx

5" 18# N-80 14325'

ITEM, QUANTITY, DEPTHS, GRADE, WEIGHT, CPLG, Etc.	O.D.	I.D.

Coastal Oil & Gas Corporation
a subsidiary of The Coastal Corporation

P. O. Box 120
Altamont, Utah 84001

801/454-3394

FINAL ABANDONMENT

Tew 1-10B5 Sec 10 T2S R5W

43-013-~~31125~~
30178

This Release shall inure to the benefit of the successors and assigns of said Releasee and all other persons, firms and corporations and their agents, contractors and employees and shall run with the land, and be binding on the heirs, assigns, successors, executors and administrators of the undersigned.

W. Fred Tew
Land Owner

Land Owner

R J Lewis
ANR Production

ANR Production

State of Utah
County of Duchesne

On this 16th day of November, 1990 personally appeared before me W. Fred Tew and R.J. Lewis the signers of the above instrument who duly acknowledged to me that they executed the same.

MY COMMISSION EXPIRES 9/26/92